

American Fruits

International Journal Devoted to the Interests of
Nurseries, Arboriculture, Commercial Horticulture

Circulating Throughout United States, Canada and Abroad
Featuring Commercial Horticulture in all its Phases of
Nursery Stock, Orchard, Landscape Planting, Distribution
Published Monthly by American Fruits Publishing Co., Inc.

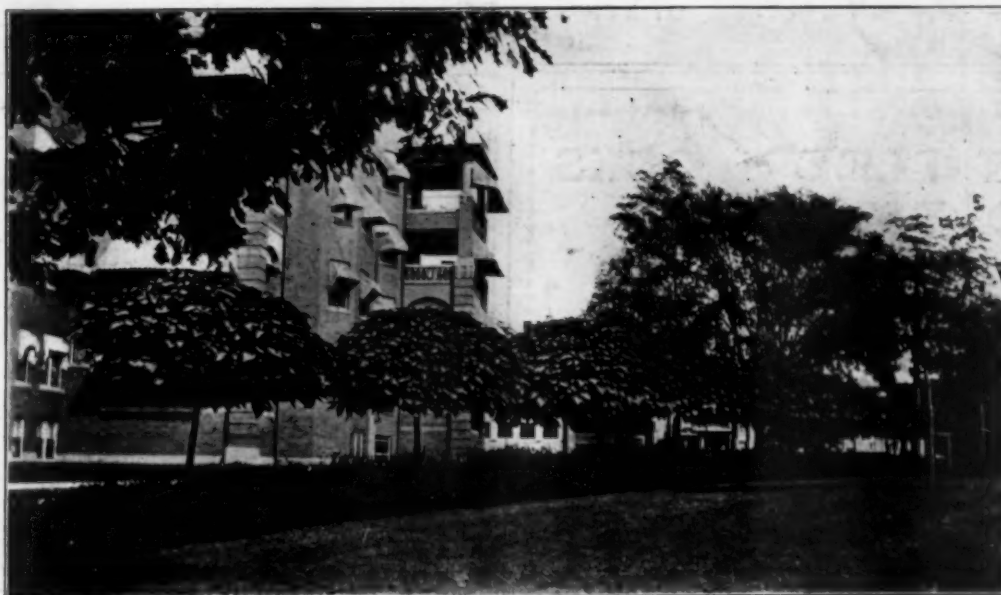
Vol. XX

ROCHESTER, N. Y., NOVEMBER, 1914

Number 5

CATALPA BUNGEI—BERBERIS THUNBERGI

CHINESE CATALPA, *C. Bungei*, is a curious dwarf form of the Indian Bean that grows only three or four feet in height and twice as broad. It is very useful in formal work when grafted on stems five to eight feet in height, forming a pretty, dome-shaped head of great, soft, heavy leaves. The flowers are borne in clusters a foot in length; the leaves are laid with shingle-like precision. Hardy, strong-growing, unique. Besides the tall form, we can supply specimens worked low, forming handsome, dwarf trees. Leaves are large, cordate and bright green.



THERE is a charm about the Barberries hard to describe, and no more practical, beautiful shrub can be grown. Thunberg's Barberry is inimitably neat and dense in growth, barely three feet in height under the best conditions, yet quite graceful because of its drooping branches. The yellow flowers are followed by scarlet fruits borne in dense profusion on the long stems and clinging through most of the winter; the leaves color to scarlet and gold in autumn.

We offer a complete line of FRUIT and ORNAMENTAL NURSERY STOCK

Painesville
Nurseries

The Storrs & Harrison Co.

Painesville
Ohio

SPECIALISTS IN WHATEVER WE PROPAGATE.

A Complete Variety List

Ornamentals

Fruits

Roses

Evergreens

Clematis

Herbaceous

Plants

Nurserymen

Dealers

Orchardists

Gardeners

And

Landscape

Architects

Lowest Prices Consistent With Quality

Our office and nurseries are situated on the Rochester and Eastern R. R. only one and one-half hours from Rochester.

W. & T. SMITH COMPANY

THE GENEVA NURSERY

1000 Acres GENEVA, N. Y. 67 Years

We have every facility for growing evergreens from seed—*plus* the finest natural location that we know of in the United States, *plus* over 50 years' practical knowledge of how to do it best. We are now growing millions of them for nurserymen's and dealers' trade, lining out, etc., and you will find

Hill's Evergreens

the best investment you can make—if you are looking toward permanent results and satisfied customers, as well as the first cost of the trees. We go to a great deal of trouble and expense gathering and sowing our seed, but we think it's worth it all to know that the little trees are true to name, and healthy and vigorous. Our customers, too, have found that it's worth the cost to know that they're getting *reliable* trees when they buy here. If you want the best evergreens you can get for your trade let us tell you more about those of "Hill Quality."

THE D. HILL NURSERY CO., Inc.

Evergreen Specialists

D. HILL, President Box 402, DUNDEE, ILLINOIS

FRUIT TREE STOCKS FOREST TREES

BY THE MILLION
SEEDLINGS AND TRANSPLANTS

Largest Forest Tree
Nurseries in Europe



Annual Shipment
200 Million Trees

J. HEINS' SONS

HALSTENBEK, NEAR HAMBURG, GERMANY

Write for Trade List and Forest Planter's Guide, to our American Agent

OTTO HEINECKEN

Whitehall Bldg., 17 Battery Place

NEW YORK CITY

Want Lists

Are invited from our regular customers and those who ought to be. We have a good stock in general assortment for delivery this fall and next spring.

We sell only to nurserymen and we do not compete with our customers.

Stick a pin in that.

It is worth remembering.

JACKSON & PERKINS CO.

Wholesale Only

NEWARK

NEW YORK

American Fruits Monthly Guide for Purchasers

Rate for Announcements in this Department: 25 cents per line; minimum charge \$1.00 per issue.

GENERAL NURSERY STOCK

ALABAMA

HUNTSVILLE WHOLESALE NURSERIES, HUNTSVILLE—Apples, pears, plums, peaches, cherries, roses, pecans and magnolia grandiflora. Send for price list.

ARKANSAS

J. L. MURRAY, RASPBERRY MAN, GARFIELD, ARK.—Five hundred Thousand Raspberry plants. Fifty varieties. Nothing cheap but the PRICE.

INDIANA

J. K. HENBY & SON, GREENFIELD—We offer a complete assortment of General Nursery stock; expect to have over three million Catalpa Speciosa pure.

MARYLAND

J. G. HARRISON & SONS, BERLIN—General line of nursery stock. Great variety of small fruits. Strawberries a specialty. Evergreens, too.

FRANKLIN DAVIS NURSERY CO., BALTIMORE—General line of nursery stock. Specialties as announced elsewhere in this issue.

MICHIGAN

I. E. ILGENFRITZ'S SONS CO., MONROE—Growers and dealers. Standard fruit trees, dwarf fruit trees, small fruits, ornamentals, shade trees. Employ agents, issue catalogues.

MISSOURI

STARK BROS. NURSERIES AND ORCHARDS CO., LOUISIANA—General line of nursery stock in large quantities and variety. Nurseries east, west and south. Quotations promptly submitted.

NEW YORK

JACKSON & PERKINS COMPANY, NEWARK—Ornamentals, roses, clematis, tree hydrangeas, perennials, etc. Agents for foreign houses selling French fruit tree seedlings. Belgian Asatens, exotic plants, etc. WHOLESALE ONLY.

AUGUST ROLKER & SONS, N. Y. CITY—Importers of General Nursery Stock, Rhododendrons, Roses and Hardy Bulbs for the Nursery trade. Address P. O. Box 752, or 51 Barclay Street.

W. & T. SMITH CO., GENEVA—Highest grade stock of Fruit and Ornamental trees, Shrubs, Roses, Evergreens, Vines, etc. Catalogs. LOWEST PRICES CONSISTENT WITH QUALITY.

OHIO

STORRS & HARRISON CO., PAINESVILLE—Growers of everything that makes a complete nursery. Issues catalogues and price lists. Wholesale and retail. Specialists in whatever we propagate.

Modern advertising has elevated the standard of business ethics. It conserves trade, extends business, creates good will; it protects and fosters legitimate enterprise.

WANT ADVERTISEMENTS

WANTED—Capable aggressive young man as correspondent in Retail Department of a large mail order Nursery firm. Must have some knowledge of office systems, advertising and catalog building. Write fully giving qualifications, experience, references and salary expected, in first letter. **THE D. HILL NURSERY CO., DUNDEE, ILLINOIS.**

SOUTH DAKOTA

WHITING NURSERY CO., YANKTON, S. DAK.—Hardy, clean general Nursery stock. Retail and wholesale. Forest seedlings, Cuttings and Large shade trees. Send for prices.

TEXAS

WAXAHACHIE NURSERY CO., WAXAHACHIE—Apple, Cherry, Peach, Pear, Ornamentals. Exceptionally fine stock. Let us quote you prices. Correspondence solicited.

VIRGINIA

W. T. HOOD, RICHMOND—California privet. General line of high grade nursery stock.

FOREIGN NURSERY STOCK

FRANCE

BARBIER & CO., ORLEANS—Fruit tree stocks and ornamental stocks. Wholesale trade list free.

LEVAVASSEUR & SONS, USSY and ORLEANS—Wholesale Growers, Fruit and Ornamental Stocks. Sole American Agents: **AUGUST ROLKER & SONS, Box 752, New York.**

GERMANY

J. HEINS' SONS, HALSTENBEK, GERMANY—Millions of Fruit Stocks on hand. Shipments: 200,000,000 trees annually.

HOLLAND

FELIX & DYKHUIS, BOSKOOP—High grade Boskoop Nursery stock of any description. Illustrated catalogue free.

KEESENS' TERRA NOVA NURSERIES, AALSMEER—Specialty BUXUS in all shapes and General hardy Nursery Stocks. Address **AUGUST ROLKER & SONS, N. Y. City, 51 Barclay St.**

THE EAST END NURSERIES CO., BOSKOOP, HOLLAND—Growers and exporters of high grade rose trees; all classes; any quantity; fine quality. Illustrated catalogue free.

AN OPPORTUNITY

Readers who appreciate this magazine may give their friends in the trade the opportunity of seeing a copy. A specimen number of "American Fruits" will be sent to any address in any part of the world on application to the publisher.

ELLWANGER & BARRY Bldg., ROCHESTER, N. Y.

SEEDLINGS, ETC.

KANSAS

J. H. SKINNER & CO., TOPEKA—Fruit and ornamental trees and shrubs. Apple and pear seedlings. Forest tree seedlings.

KENTUCKY

WILLADEAN NURSERIES, SPARTA—Lowest prices on ornamental trees, shrubs and tree seedlings. Catalpa Speciosa or Black Locust Seedlings in any quantity.

NEBRASKA

G. L. WELCH & CO., FREMONT—Big lot of Box Elder, Ash, and Elm Seedlings. Will make low prices now.

CHERRIES, ETC.

INDIANA

W. C. REED, VINCENNES—Cherry trees, one and two year. General line of other stock.

H. M. SIMPSON & SONS, VINCENNES—Cherry trees a specialty; one and two years old.

SMALL FRUITS

OHIO

WICK HATHAWAY, MADISON, O.—Raspberry Strawberry, Currant and Gooseberry Plants. Grape-vines. Small Fruits a Specialty.

W. N. SCARFF, NEW CARLISLE—Everything in small fruit plants. Ask for price list. Large stock and great variety.

PEACH BUDS

TENNESSEE

GREENBRIER NURSERY CO., GREENBRIER—Peach buds, twenty-five leading commercial varieties. Ask for list.

SUPPLIES

ALLEN-BAILEY TAG CO., INC., CALEDONIA, NEW YORK. Wood labels of all kinds for nurserymen and florists. Stakes, poles, shipping tags and tags for every purpose. Write for samples and prices.

BENJAMIN CHASE CO., DERRY, N. H.—All kinds of labels for nurserymen's use. Samples and prices submitted upon application.

DAYTON FRUIT TREE LABEL CO., DAYTON, O.—Labels of all kinds for nurserymen's use. Samples and prices upon application.

What Advertisers Want

The advertiser wants a straight publication that accepts dictation from no one. And the more clearly independent a medium is the more it appeals to the business man who uses it for his business announcements.

It Means Much

It is a certificate of good character to have your advertisement admitted to the columns of AMERICAN FRUITS, because an effort is made to exclude advertisements of a questionable character and those that decoy and deceive.

ARE YOU POSTED?

It is good business policy to keep posted on matters concerning your trade. Can you do this without reading AMERICAN FRUITS thoroughly every month? Read this issue through from cover to cover—and then decide. It costs \$1.50 per year!

FRUIT TREE STOCKS

Our wholesale trade list, quoting prices for all sizes and sorts of fruit tree stocks, as well as

ORNAMENTAL STOCKS

is mailed free on application. In case you have not received it, ask for the same.

WE HAVE NO AGENTS

TRANSON BROTHERS & D. DAUVESSE'S NURSERIES

BARBIER & COMPANY, Successors

16 Route d'Olivet

WRITE DIRECT TO US

Orleans, France

American Fruits Directory of Organizations

AMERICAN ASSOCIATION OF NURSERYMEN.

Fortieth Convention: Detroit, June 23-25, 1915

Officers—President, Henry B. Chase, Chase, Ala.; Vice-President, E. S. Welch, Shenandoah, Ia.; Secretary, John Hall, Rochester, N. Y.; Treas., Peter Youngers, Geneva, Neb.
Executive Committee—John H. Dayton, Painesville, O.; Thomas H. Meehan, Dresher, Pa.; J. B. Pilkington, Portland, Ore.; Henry B. Chase, Chase, Ala.; Ex-officio: John Hall, Ex-officio, Secretary, Rochester, N. Y.

COMMITTEES

Arrangements—Thos. I. Ilgenfritz, Monroe, Mich., John Hall, Secy., Rochester, N. Y.
Programme—C. R. Burr, Manchester, Conn.
Exhibits—Albert F. Meehan, Dresher, Pa.
Membership—Will R. Munson, chairman, Denison, Texas, M. McDonald, Orenco, Ore., Pacific Coast States, Geo. A. Marshall, Arlington, Nebr., Middle Western States, Harry D. Simpson, Vincennes, Ind., Central States, Paul C. Lindley, Pomona, N. C., Southeastern States, Albert F. Meehan, Dresher, Pa., Eastern States, Chas. H. Breck, 55 Franklin St., Boston, Mass., New England States, Legislation East of Mississippi River—Wm. Pitkin, Rochester, N. Y.
Legislation West of Mississippi River—Peter Youngers, Geneva, Nebraska.
Tariff—Irving Rouse, Rochester, N. Y.
Co-operation with Entomologists—L. A. Berkman, Augusta, Ga.
Root Galls—E. A. Smith, Lake City, Minn.
Transportation—Charles Sipemore, Louisiana, Missouri.
Publicity and Trade Opportunities—W. G. Campbell, St. Joseph, Mo.

STATE AND DISTRICT ASSOCIATIONS

American Nurserymen's Protective Association—President, Irving Rouse, Rochester, N. Y., Secretary, Thomas B. Meehan, Dresher, Pa. Meets annually in June.
American Retail Nurserymen's Protective Association—President, H. W. Marshall, Arlington, Neb.; Secretary, Guy A. Bryant, Princeton, Ill. Meets annually in June.
Association of Oklahoma Nurserymen—President, P. A. Vought, Holdenville, Okla.; Secretary, Jim Parker, Tecumseh, Okla.;
British Columbia Nurserymen's Association—President, W. C. Ricardo, Vernon; Secretary, Will A. Elletson, Vancouver.
Connecticut Nurserymen's Association—President, T. E. Burroughs, Deep River; Secretary, F. L. Thomas, Manchester.

California Nurserymen's Association—President, W. V. Coolidge, Pasadena; Secretary, H. W. Kruckeberg, Los Angeles.

Canadian Association Nurserymen—President, E. D. Smith, Winona, Ont.; Secy., C. C. P. Morden, Niagara Falls, Ont.

Idaho Nurserymen's Association—President, Anton Diederichsen, Payette, Idaho; Secretary-Treasurer, J. F. Littooy, Boise, Idaho.

Massachusetts Nurserymen's Association—President, W. H. Wyman, N. Abington; Secretary, A. E. Robinson, Bedford.

Mississippi Nurserymen's Association—President, Theo. Bechtel, Ocean Springs; Secretary, R. W. Harned, Agricultural College.

Montana Nurserymen's Association—E. A. Calmettes, Helena, Mont.

New England Nurserymen's Association—President, John R. Barnes, Yalesville, Conn.; Secretary, Charles Adams, Springfield, Mass.

New York State Nurserymen's Association—President, Edward S. Osborne, Rochester, N. Y.; Secy., H. B. Phillips, Rochester, N. Y.

Ohio Nurserymen's Association—President, W. N. Scarff, New Carlisle; Secretary, W. B. Cole, Painesville, O.

Oregon-Washington Association of Nurserymen—President, C. F. Breithaupt, Richland, Wash.; Secretary-Treasurer, C. A. Tonnison, Tacoma.

Pacific Coast Association of Nurserymen—President, John Vallance, Oakland, Cal.; Secretary-Treasurer, C. A. Tonnison, Tacoma, Wash. Meets annually in June.

Pennsylvania Nurserymen's Association—President, Abner Hoopes, West Chester, Pa.; Secretary, Henry T. Moon, Morrisville, Pa.

Southern Nurserymen's Association—President, Milton Moss, Huntsville, Ala.; Secretary-treasurer, A. I. Smith, Knoxville, Tenn.

Tennessee Nurserymen's Association—President, Charles Pennington, Rutherford, Tenn.; Secretary, G. M. Bentley, Knoxville, Tenn.

Texas Nurserymen's Association—President, John S. Kerr, Sherman; Secretary-treasurer, J. M. Ramsey, Austin.

Virginia Nurserymen's Association—President, N. L. Shreckhise, Augusta; Secretary, C. D. Weger, Rockingham.

Western Association of Nurserymen—President, W. S. Griesa, Lawrence, Kan.; Secretary-treasurer, E. J. Holman, Leavenworth, Kan. Meets in December at Kansas City.

HORTICULTURAL ORGANIZATIONS

American Peony Society—A. P. Saunders, Clinton, N. Y.

American Association for Advancement of Science—L. O. Howard, Smithsonian Institute, Washington, D. C.

American Association of Park Superintendents—J. J. Levison, Brooklyn, N. Y.

American Civic Association—R. B. Watrous, Washington, D. C.

American Pomological Society—Prof. E. R. Lake, 3333 20th St., N. Y., Washington, D. C.

American Society of Landscape Architects—Alling S. DeForest, Rochester, N. Y.

American Rose Society—Benjamin Hammond, Beacon, N. Y.

American Seed Trade Association—C. E. Kendel, Cleveland, O.

British Horticultural Trades Association—Charles E. Pearson, Lowdham, Notts, England.

Apple Advertisers of America—U. Grant Borden, Baltimore, Md.

Canadian Horticultural Association—Julius Luck, Montreal.

Eastern Fruit Growers' Association—Nat C. Frame, Martinsburg, Va.

International Apple Shippers' Association—R. G. Phillips, Rochester, N. Y.

Mississippi Valley Apple Growers' Society—James Handy, Quincy, Ill.

Missouri Valley Horticultural Society—A. V. Wilson, Kansas City, Mo.

National Council of Horticulture—H. C. Irish, 1206 Castleman Ave., St. Louis, Mo.

National Horticultural Congress—Freeman L. Reed, Council Bluffs, Ia.

National Nut Growers' Association—J. B. Wight, Cairo, Ga.

Ontario Fruit Growers' Association—P. W. Hodgetts, Toronto, Canada.

Ornamental Growers' Association—C. J. Malloy, Rochester, N. Y.

Northern Nut Growers' Association—Dr. W. C. Deming, Georgetown, Conn.

Royal Horticultural Society—Rev. W. Wilks, Vincent Sq., London, S. W., England.

Peninsula Horticultural Society—Wesley Webb, Dover, Del.

Railway Gardening Association—J. S. Butterfield, Lee's Summit, Mo.

Society for Horticultural Science—C. P. Close, Washington, D. C.

Society of American Florists and Ornamental Horticulturists—John Young, New York.

Union Horticulture Professionnelle Internationale—C. Van Lennep, The Hague, Holland.

T. S. HUBBARD CO.

FREDONIA, N. Y.

The longest established and best known growers of

Grape Vines

And the LARGEST STOCK in the United States, including all the old and new varieties. The following in large supply:

Concord
Niagara
Worden
Delaware
Moore's Early

Brighton
Eaton
Diamond
Pocklington
Woodruff Red

Green Mountain
Agawam
Salem
Lutie
Campbell's Early

Also a large and fine stock of

Currants:

Fay
Cherry
Versailles
Victoria

White Grape
Red Dutch
White Dutch
North Star

Black Champion
Black Naples
Lee's Prolific
Moore's Ruby

Also a fine stock of the President Wilder currant

GOOSEBERRIES

A fine stock of leading varieties. One and two years

BLACKBERRIES

An unusually large stock of root cutting plants of our own growing

Send for our Price List and new illustrated Descriptive Catalogue

French Fruit Stocks

MAHALEB, MYROBOLAN, MAZZARD,
QUINCE, APPLE, PEAR 1 Year Transp.

MARIANA Cuttings

Large Stock of Norway Maples

From 4 to 12 ft.

Schwedleri Maple 5 to 8 feet, Cornus Elegans

2 to 3 feet

RIVERS PURPLE BEECH, 1 to 3 feet, grafted

VIBURNUM PLICATUM, 1 1/2 to 2 feet

EVERGREENS SEEDLINGS AND
TRANSPLANTS

HEMLOCKS 10 to 12 ins., Transp'd

General Assortment of Hardy Shrubs

ALTHAEA, SPIREAS, HYDRANGEA,
DEUTZIA,

PRIVETS, WEIGELA, etc., All sizes

HERBACEOUS PAEONIES, LOW PRICES

MANETTI AND GRIFFERIAE CUTTINGS,

BRIARS, POLYANTHA, RUGOSA SEEDLINGS

ROSES, MOSS, HYBR. PERP. CLIMBERS

TEAS AND HYBRID. TEAS

WRITE FOR ENGLISH TRADE LIST

Desfosse-Thuillier Fils & Co.

Orleans, France

No Agents

AMERICAN FRUITS MAGAZINE--November, 1914

EDITORIAL DEPARTMENT—Communications on any subject connected with Nurseries, Arboriculture or Commercial Horticulture are cordially invited by the Editor; also articles on these subjects and papers prepared for conventions of Nursery or Horticultural associations. We also shall be pleased to reproduce photographs relating to these topics, Nursery Scenes, Cold Storage Houses, Office Buildings, Fields of Stock, Specimen Trees and Plants, Portraits of Individuals, etc. All photographs will be returned promptly.

ADVERTISING—First advertising forms close on the 20th of each month; last advertising forms on the 22d. If proofs are wanted, copy should be on hand on the 15th. Rates upon application.

"AMERICAN FRUITS" points with pride to its advertising columns. Not all those in the nursery and allied trades are therein represented, but the leading ones are and we believe that every advertisement represents a reliable concern. We court confidential information to the contrary.

"AMERICAN FRUITS" will not accept advertisements that do not represent reliable concerns.

SUBSCRIPTIONS—"AMERICAN FRUITS" will be sent to any address in the United States for \$1.50 a year; to Canada or abroad for \$2.00 a year. Add ten cents unless bank draft, postal or express money order is used.

WHAT THIS MAGAZINE STANDS FOR—Clean chronicling of commercial news of the Nursery and Planting Trade. An honest, fearless policy in harmony with the growing ethics of modern business methods.

Co-operation rather than competition and the encouragement of all that makes for the welfare of the trade and of each of its units.

Wholesome, clean-cut, ring true independence.

INDEPENDENT AND FEARLESS—"AMERICAN FRUITS" is not the official journal of any organization. It therefore makes no distinction in favor of any. It is untrammelled in its absolutely independent position and is the only publication of the kind.

This Magazine is the only Nursery Trade Journal which has no connection whatever with a particular Nursery. Absolutely unbiased.

Though it happens that its place of publication is in the eastern section of the country, it is thoroughly National in its character and international in its circulation.

Its news and advertising columns bristle with announcements from every news corner of the Continent.

It represents, as its name implies, the Fruits of American Industry in one of the greatest callings—Commercial Horticulture in all its phases of Nursery Stock, Orchard and Landscape Planting and Distribution.

AMERICAN FRUITS PUBLISHING COMPANY, INC.

Ralph T. Olcott, Editor and Manager.

123-125 Ellwanger & Barry Bldg., Rochester, N. Y.

Leading Articles In This Issue

Size, Color, Quality of Fruit	U. P. Hedrick	102
Nursery Conditions In Northwest		113
Growers To Plan By-Products Sales		116
War Causes Apple Demand		116
To Grow Items Usually Grown Abroad	D. W. Babcock	114
Increased Demand for Small Fruits	W. N. Scarff	104
Harrowing Tales from the West		114
French Stock May Be Shipped	Irving Rouse	115
Holland Business as Usual	A. J. Herwig	114
Sit Steady and Don't Rock the Boat	John S. Kerr	101
Domestic Nursery Stocks In Demand	F. S. Watson	104
New Industry for the San Joaquin Valley		101
Fall Sales Largest Ever	R. R. Harris	104
Cherry Shortage Looked For	H. M. Simpson & Sons	113
Horticulturists at Fort Worth		116
Texas Nurserymen's Association	J. M. Ramsey	107
How to Secure Nursery Publicity		108
The French Exports	E. Turbat	109
North American Paw Paw	C. P. Close	109
What Organization Does		109
A Publicity Pointer		108
Fertilizer In Place of Potash		118
Encouraging Conditions In Texas		118
Southern Farmers Diversifying	C. M. Griffing	118
Louisiana Nurseries Very Busy		119
Nurserymen Claim Damages		119
Half Mile Apple Trains In the West		117
Nursery Business Least Affected		117
Conditions In Pacific Northwest	M. McDonald	100
The French Damson Plum	H. E. Van Deman	109

CALIFORNIA NURSERY COMPANY, NILES, CAL.



Row of Canary Island Date Palms (Phoenix Canariensis) on grounds of California Nursery Company, about 40 years old. Each alternate plant has been sold and shipped to Panama-Pacific International Exposition. Sides of boxes were put on last summer, bottoms when dug this spring.

INDEX ADVERTISEMENTS

Allen Co., W. F.	102
American Nut Journal	Cover
American Agent Wanted	118
Atlantic Nursery Co.	112
Audubon Nursery	110
Bailey's Cyclopedia	104
Barbier & Co.	97
Bauer Brothers	117
Bay State Nurseries	118
Berkmans Co., P. J.	106
Bernardin, E. P.	118
Bookkeeper Wanted	106
Burr & Co., C. R.	111
Chase Company, Benjamin	114
Chattanooga Nurseries	113
Cannedy, J. A.	118
Commercial Nursery Co.	117
Conard & Jones Co.	116
Dayton Fruit Tree Label Co.	106
Desfosse-Thuillier Fils & Co.	98
Detrich, Sr., Charles	112
Dintelmann, L. F.	116
Donaldson Co.	Cover
Doornbosch & Zoon	116
Farmers Nursery Co.	114
Framingham Nurseries	113
Franklin Davis Nursery Co.	Cover
Gardner Nursery Co.	112
Griffith, R. B.	108
Greenbrier Nursery Co.	106
Harrison & Sons, J. G.	Back Cover
Hathaway, Wick	113
Henby & Son, J. K.	119
Hein's Sons, J.	Cover
Hill Nursery Co., D.	Cover
Hood & Co., W. T.	119
Horticultural Advertiser	119
Hubbard Co., T. S.	98
Huntsville Wholesale Nur's	Cover
Ilgensfritz' Sons Co., I. E.	106
Jackson & Perkins Co.	Cover, 112
Josselyn Nursery Co.	118
Kallen & Lunnemann	106
Kloosterhuis & Zonen	104
Lake Sons Co., Henry	117
Levavasseur & Sons	110
Lindley Nursery Co., J. Van	116
Louis Leroy's Nurseries	110
National Florists Bd. Trade	119
Norman, T. R.	110
Parker Bros.	110
Parker, Jim	113
Pennsylvania Nursery Co.	116
Peters, Charles M.	116
Portland Wholesale Nursery Co.	106
Reed, W. C.	Cover
Rolker & Sons, August	110
Rochester Lithographing Co.	Cover
Scarff, W. N.	113
Simpson & Sons, H. M.	106
Skinner & Co., J. H.	108, 112
Smith Co., W. & T.	Cover
Stark Nursery Co., William P.	107
Stark Bros., N. & O. Co.	Cover
Sales Manager Wanted	110
Storrs & Harrison Co.	Front Cover
Turbat & Co.	102
Valdesian Nurseries	110
Watson & Co., F. W.	103
Wild Bros., Nursery Co.	118
Woldering & Herwig	117
MONTHLY GUIDE	97

American Fruits

Nurseries, Arboriculture and Commercial Horticulture

Entered August 4, 1904, at Rochester, N. Y., Post Office as second-class mail matter

Vol. XX

ROCHESTER, N. Y. NOVEMBER, 1914

No. 5

Nursery Conditions In the Pacific Northwest

M. McDONALD, President Oregon Nursery Co., Orenco.

SINCE the big apple boom on the Pacific Coast collapsed, something over two years ago, the nursery business has been at rather a low ebb.

This was brought about on account of many men engaging in the nursery business, expecting to sell to large commercial planters who would be putting out apple orchards. Just about the time these men got a large stock of apple trees ready for the market, the entire apple planting stopped and the whole structure collapsed so far as the planting of apple orchards was concerned; and as a consequence, many thousands of apple trees have been burned up during the last two years and probably some will be this coming spring.

We, however, believe that were it not for the unusual conditions prevailing this fall on account of the European war, the nursery business, as well as other lines of industry, which were on the up-grade during the months of June and July would now be having prosperous times on the Pacific Coast. As it is, there seems to be a very great shortage in the medium of exchange on the Pacific Coast; and while we have had the largest crops in years in every line of agricultural products that we have ever had and selling at top prices, there seems to be very little money in the country. We hope and trust this condition will change in the near future and we look for prosperous times ahead.

In the aggregate, we are inclined to think that the sale of nursery stock is very much below what it has been in past years. As for ourselves, we have been able to keep our sales ahead of last year, although not quite up to two years ago. On account of the decrease in the planting of nursery stock during the past two years, we do not look for any very great surplus in nursery stock. While there will be the usual shortage in odds and ends, we are inclined to think that there will be no very great shortage in any particular line.

If crops are normal during the coming season, we look for prosperous times ahead for the nurserymen—that is those who have been able to weather the storm during the past two years.

While our summer was one of the driest on record, curtailing the growth of trees in the nursery to some extent, since fall weather has set in, we have had unusually good weather for nursery work. We are just beginning our first digging for fall shipments (Oct. 14). With the splendid weather we are now having, we are hoping to make short work of this fall's shipments.

Favorable as Last Year in South

Winchester, Tenn., Oct. 10.—E. W. Chat-tin, Southern Nursery Co.: "We are in the midst of our fall packing retail orders; deliveries will start in about ten days. Can-

not tell how much the war scare will effect collections until later. The South is in a prosperous condition. I don't believe the low price of cotton will make collections so bad. Farmers generally have money in the bank and can hold the bulk of their cotton until conditions improve.

"Stock is very good this year, although the season has been an unusually dry one. Cherry, plum and some varieties of pear are

you do not like these prices. Cherry, peach, plum, and apricot as far as we know, seem to be in good demand, although our business does not bring us in close touch with the general wholesale trade.

"Catalpa seedlings which are usually grown in large lots here, show an exceptionally light plant and light product."

Wholesale Business Slackens

Parsons, Kansas—E. P. Bernardin:

"While retail sales are about normal this season on account of good early work by the men, the wholesale end of the business is not up to our usual standard. Part of this is caused by the extremely low prices on some lines of stock and also on account of the conditions south of us in the cotton growing districts where they have no market or price offered for their cotton; but we believe this will be relieved later and spring will wind up with the usual amount of business. The growing season here has not by any means been good, owing to extreme drought; which, however, was only a local condition and does not apply to other parts of the Southwest."

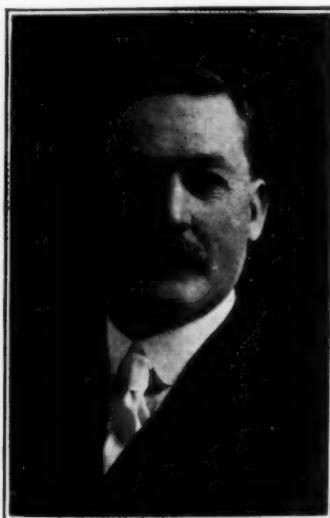
Severe Drought in Middle West

Nursery, Mo., October 9.—F. A. Weber, secy-treas. H. J. Weber & Sons Nursery Co.: "The prospects for the fall trade are not as bright as we would like to have them. The territory within a radius of 200 miles around St. Louis has been visited with the severest drought of record, with no general rains between the 7th day of April and the 19th day of August with extreme heat during the greater part of this period. There were a few occasional thunder showers during this time, but they only covered very small sections and did little or no good to the growing crops. In consequence the farmers, fruit growers and truckers in general have all had short crops. Some sections have a good crop of apples while most of the sections within the above radius have had good crops of peaches, grapes and pears. Small fruits have however been a very light crop, in most instances not exceeding 15 to 26% of a crop.

"While we have by hard work taken about the usual number of orders as in previous years, we find that they will not average up to the usual amount. The trade on peaches will probably be very good, also on grape vines and on strawberry plants; much, however, depending on the money situation and weather conditions during the coming winter as to the final results for the spring trade.

"We are in hopes that things will wake up after January 1st, if not before."

W. C. Reed, Vincennes, Ind., reports considerable rain in his section last month and trade very good.



M. McDONALD, Ore.
President Oregon Nursery Co.

scarce and high. Number one apple trees will not be as plentiful as common; the small grades are in a great surplus. Take conditions as a whole, I think they compare favorable with last year."

Same Lack of Organized Effort

Winfield, Kans., October 10.—J. Moncrief, president Winfield Nursery Co.: "Fall sales very much below the average due to the drought early in the season and the loss of business in the cotton country on account of their cotton being tied up.

"Surplus: We have the most complete general stock we have ever grown, but indications are that the winter business will be especially good and we do not expect to be long on any particular item.

"As to general features of the nursery business, in the West it seems to be about the same old line: Disorganization, little co-operation, and certain lines of trees already offered for less than cost production. Nurseries are already offering apple at less than cost production with an invitation between the lines to make them an offer if

"A paper which gives the best value to the reader will give the best value to the advertiser as well. I don't think there is any argument about the soundness of this view."—H. Dumont, Chicago, Ill., in Printers' Ink.

Sit Steady and Don't Rock the Boat

PRESIDENT JOHN S. KERR, BEFORE TEXAS NURSERYMEN'S ASSOCIATION

In his annual address President John S. Kerr said:

We come with feelings of joy and gladness mingled with feelings of unrest and of perplexity. Of joy and gladness because of meeting our fellow craftsmen, who are also our dear friends and fellows, to take a day off from our regular duties for recreation, to exchange cordial greetings, to indulge in congenial fellowship, and to confer together over the interests which we represent, as well as to surmount the difficulties and solve the problems which now confront us. Of unrest and perplexity because of the peculiar financial and industrial conditions which confront us to-day. Conditions just such as perhaps the oldest and most experienced have never met before, a time when the whole world is shocked over the war in Europe, unquestionably the greatest and most unfortunate war in history. And though our country holds a place of perfect neutrality and we stand as a producing nation while other principal nations are warring, we are conserving the farm, the factories and the forge, while other nations are an armed camp and trade extension rather than restriction in many directions is predicted. Our crops of grain, of hay and of cotton are bountiful, the output of our factories is large, business conditions are sound, and even it is asserted on good authority that money is plentiful, and still we have the strange phenomenon that with so many evidences of thrift, and foundations for prosperity, our financial fabric has been shocked to the center, and the regular channels of trade have been contracted, amounting almost to suspension.

It seems to be more from withdrawal of confidence or credit than from anything else, and since confidence or credit is the strongest factor in our commercial fabric, the effects of the present shock are great, how great each and every one of you nurserymen can testify, as well as men in every other line of business.

As to what effect the war of Europe will have on American Tree Planting will be discussed during the progress of our program, and I will not discuss it here. Suffice to say, we are already admonished that prevailing conditions concern us deeply and that our best efforts are called for to successfully steer our craft over the present disturbed conditions.

"Sit Steady and Don't Rock the Boat"

While the fact exists that we are confronted by serious conditions rather than theories and that courage and good business methods are called for to steer us safely over the breakers, yet, the mental unrest of our people is largely accentuating our troubles. In the Language of the Chicago Herald recently, we must "Sit Steady and Not Rock the Boat." "There's nothing the matter with the boat we are in," straight and strong, well seamed, well timbered and with reasonable guidance it will bear us safely and prosperously through. Let every man realize that calm confidence, thankfulness and optimism are his first duties, because absolutely justified by the situation. Think and talk business rather than war.

The present administration of our federal and state governments, our banks, our leading institutions, our captains of industry, in fact our entire citizenship are exercising every possible effort to overcome our present difficulties. There has perhaps never been witnessed such an universal and patriotic effort by our people, and we may be assured that much of our dangers and difficulties, whether fancied or real, will be overcome.

Civic Improvement to Continue.

The Nurseryman's prosperity depends largely upon the development of the homes, orchards, parks, etc., of our country. I believe the spirit of civic improvement is too strongly imbedded in the minds and hearts of our people to be abandoned, but that our people will gladly turn from the horrors and pessimism of war to the pleasurable and uplifting occupations of home development, and from the unfortunate condition of cot-

ton, our one crop plan, to the very efficient diversification afforded by market orchards. Therefore, while the trade of the nurseryman must feel in a measure the depressing effects of the times, yet, we may hope for less depression than other lines of business.

Publicity Service

Most nurserymen are busy men, loaded up with innumerable duties which necessarily belong to any well regulated nursery business, and as a rule, we believe do not enter largely into public affairs about them, nor are they aspirants after journalism as a rule, but rather neglect their opportunities in these respects. The nurseryman, while he keeps in close touch with, and loves the beauties and blessings of nature, yet is slow to hold up these beauties and blessings to others. This should not be so, but rather the reverse. Again the stories of trees, flowers and fruits find ready acceptance by our reading public. Too often these articles are furnished by writers who are not really

suffering no harm but is only refined and purified. So we, if we learn by the difficulties of this season better methods, and put forth more efficient efforts and come off victorious, which I think is entirely feasible, we will have profited by the test.

New Industry for the San Joaquin

W. R. Nutting, Fresno, Cal., and others have incorporated the San Joaquin Valley Date Association. Mr. Nutting's idea is that there are one or two million acres of sub-irrigated alkali land in the counties of Fresno, Madera, Kings, Tulare, and Kern that are now practically valueless, on which a new industry can be started and maintained. The date palm will grow well and produce good fruit in that section if the right kinds are planted. The varieties for the

TIME-SAVING APPARATUS IN THE NURSERY



Automobile truck used at Woodlawn Nurseries and Fruit Farms of Allen L. Wood, Rochester, N. Y. Carries 128 bushel baskets of peaches to a load. Makes four twelve-mile round trips in twelve hours and operates night and day in season. Does the work of three teams. Of especial value in shipping season when freight houses close at 5 p. m., for quick service from orchards. Cost \$3,000.

conversant with the subjects they treat, not nearly so much so as the nurserymen and florists, and frequently these writers give out not only erroneous, but damaging sentiments about trees and flowers, and about nurserymen and florists and the conduct of their business, and since there is little offered the readers by the professionals in these lines, to the contrary, damage is done and opportunities of doing much good are lost by the professionals. I suggest that there should be maintained an active publicity committee to take hold of and with the help of the nurserymen, florists, landscape gardeners and the press, maintain a vigorous, intelligent publicity service. We had such an organization once. It should be renewed and strengthened, furnishing the papers and magazines crisp, readable articles on every phase of our many sided, very attractive and very beneficial work.

By this means we will better acquaint the people with our work, our aims, our aspirations, in short, with the good we are doing and hope to do. Our work of making the world more beautiful and more pleasant and comfortable is a grand work, and may well be constantly commended to our co-beautifiers the world over.

In conclusion, this season may be expected to try the metal of every business man, the nurseryman being no exception. The crucible only consumes the dross, the pure gold

San Joaquin valley should be different from those grown in the Mecca district, where the season is longer. The high-priced, confectionery varieties are not possible in the San Joaquin, but the stock-food kind, however, may be grown at a larger total profit when fed to hogs, sheep, or cattle. The low price of the land and the need of more stock food in the West, he contends, will make this industry an immediate success.

Starting a date plantation from seeds will cost about as much per acre the first year as a field of corn, and the care per year till they come into bearing, in about eight years, will be very small. "Sandy land, or the best of land with a little too much alkali to grow grapes or alfalfa, and all good land is good for dates."

The object of the new Association as outlined by Mr. Nutting, is not to buy and plant any large tract, but to promote, organize and supervise the industry in all ways. At a later date a Date Growing Corporation may be organized for the purpose of growing this fruit commercially.

Just say you saw it in AMERICAN FRUITS.

Size, Color and Quality in Fruit

PROF. U. P. HEDRICK, Agricultural Experiment Station, Geneva, N. Y.

APPRECIATION of fruits comes through three of the five senses—taste, sight and smell, though the last is of little importance, being so intimately connected with taste as to be almost a part of it. This leaves taste and sight as the senses by which fruits are judged. We grow fruit to eat and it would seem, therefore, that taste should set the seal of approval. Connoisseurs do judge fruit by the sense of taste, but the public, in this as in many other matters, does not march with the connoisseur, and the average person, personification of the public, uses the eye more than the tongue in measuring the merits of fruits. This difference between professional and popular judgment comes about because of a very general misconception of the relative values of size, color and quality in fruit—a misconception which furnishes my excuse for calling your attention, in a popular way, to what I conceive to be the comparative value of size, color, and quality in fruit and for a very discursive consideration of how these attributes may be modified by culture.

Craving After Size.

When the nurseryman sets his net, in the shape of an illustrated catalog, for the fruit grower, he baits it with gorgeous illustrations showing fruits of heroic proportions. The most frequent descriptive phrase accompanying this alluring bait is, "of largest size." In his turn the fruit grower usually makes an exhibit, or a sale of his wares, with the apologetic yarn that he kept the largest for his own use, or he had larger last year, or he could grow bigger ones if he were so disposed. All this shows a craving after size—a craving that has been bred and is now stimulated by competitive exhibitions in which size is usually given first place. This has gone on for so long that now size is generally esteemed about the highest quality a fruit may possess. This



U. P. HEDRICK, Geneva, N. Y.

feeling finds expression many times and in many ways at every fruit exhibit to which the public has access. What are the true merits of size in fruits?

In fruits for the kitchen, fair or large size is distinctly meritorious, saving waste in paring and coring or pitting, though even here there are exceptions for one does not want a huge baked apple, a mammoth peach for canning, nor large plums for preserving. But for all dessert purposes the medium sized fruit should be preferred and the Fameuse or the little Lady apple, a Seckel or Doyenne pear, a Crawford peach and a Green Gage plum are, or should be, as acceptable as any varieties of their kinds. Certainly no one wants to make two bites

at a cherry, strawberry, or any of the small fruits. Large size in fruit is often poor economy whether on the fruitstand, in the hotel or for the home, for a small or medium fruit frequently answers the same purpose that a larger one would.

Not always, but often, undue size in any variety is accompanied by inferior quality. This is especially true if size has been brought about by much water, in which case the fruit may actually be said to be bloated. The highly flavored solids of the normally grown fruit are diluted or adulterated with water. So, too, extra large specimens of tree or small fruits in which size is attained by high feeding or by such abnormal practices as ringing, usually lack in quality. From all this we must conclude that while a good large fruit may be better than a good small fruit, yet if in the large fruit there is a falling off in quality it at once loses value.

Size Sometimes Desirable.

It is true, however, that some of the varieties of our tree fruits might be increased in size to advantage and the value of many grapes and small fruits would be much enhanced by greater size. Thus, it becomes a matter of importance to know how to increase the size of fruits, should we so desire. The task is not difficult. Generally speaking, whatever increases tree growth gives greater size in the product. To be specific, the application of nitrogenous fertilizers, plowing under leguminous cover-crops, frequent and long continued cultivation, these acting singly or associatively will increase the size of fruits. Another way by attaining greater size is by restricting the top of the plant by heavy pruning, thus getting greater growth in the parts that remain. Lastly, most commonly, and best means of all, the size of almost all fruits can be great-

Continued on Page 115

No person or firm interested in any way in the sale of trees or shrubs, flowers, land or fruit, or any trade supplies is in a position to dictate the policy of this publication. American Fruits is the only Nursery Trade Journal of which this can be said.

Surplus of 1 yr. No. 1 Grape Vines

15,000 MOORE'S EARLY
30,000 CONCORD
15,000 NIAGARA
5,000 CATAWBA

Splendid Stock. Ready for shipment after November 1st

How Many Can You Use?

We also have other small fruits for the nursery trade. They are described fully in Allen's 1914 Book of Berries. Send for it.

Write for prices

W. F. ALLEN CO., 95 Market St., Salisbury, Md.

General Assortment of Young Out Door NURSERY STOCK AND POSES

Etc., Etc., Are Our Specialties

The Whole Nursery Trade will be interested by knowing that we are able to supply **THE FRENCH NURSERY** stocks as usual, such as

ALL FRUIT TREE STOCKS

YOUNG DECIDUOUS ORNAMENTAL TREES AND SHRUBS

YOUNG CONIFERS, YOUNG FOREST STOCKS OF
SPLENDID CHOICE

NEW RARE OR NOTICEABLE TREES AND SHRUBS
HARDY HERBACEOUS, Etc., Etc.,

ROSES One of the most extensive existing collection deliverable this season **IN EXTRA CHOICE** as **DWARF**, on their own roots; **DWARF GRAFTED** on dog rose roots; **DWARF BUDDED** on dog rose seedlings and on other good stocks in all the best **OLD** and **NEW** varieties; also as **STANDARDS**.

Correspondence is cordially invited

Jules Gouchault and Turbat Nurseries
E. TURBAT & CO., Successors
ORLEANS, FRANCE

JAPAN PEAR STOCKS

(United States Grown)

We have an extra fine lot of Japan Pear Stocks and can furnish same in 1-4 inch and up, and also in strictly No. 1, 3-16 and all up grades.

APPLE SEEDLINGS

(United States Grown)

Stocks are especially fine in the following grades,

Extra 7 to 12 m. m. Branched roots.
Select 1-4 inch and up Branched roots.
Select 1-4 inch and up Straight roots.
Strictly No. 1 3-16 and all up Branched roots.
Strictly No. 1 3-16 and all up Straight roots.

We handle seedlings with the utmost care to preserve all their vitality.

We are equipped to grade and ship same with the least possible exposure. If you are particular as to grades and quality—let us figure on your wants.

F. W. WATSON & CO.

TOPEKA, KAN.

Apple and Pear Seedling Specialists

Arizona Nursery Order

A white fly quarantine order of the Arizona commission of agriculture-horticulture No. 2 prohibits the importation into the state of Arizona of citrus nursery stock from all states bordering on the Gulf of Mexico, Georgia and South Carolina, while a red and yellow citrus scale quarantine prohibits the importation of all citrus nursery stock from the state of California, except from Tulare, Fresno and Imperial Counties.

The Griffin-Skelley Packing Company, Dinuba, Cal., sent out its second shipment to go via Panama canal, Oct. 8. G. W. Griffin of the San Francisco office was in the city looking after the business at Dinuba. The local plant is working over 200 men, women and girls, and the work will continue well into the month of December.

There are great opportunities in fruit growing in the vicinity of Topeka, according to H. W. Doyle of the Kansas board of agriculture.

Provisions of the Clayton anti-trust bill exempt from prosecution under the anti-trust laws horticultural organizations.

C. D. Hillman, formerly of Seattle, has acquired the Estrella ranch, comprising 45,000 acres, and located about fifteen miles from Paso Robles, San Luis Obispo county, California, for a consideration in excess of \$850,000. Southern California, he predicts, is destined to become one of the most populous portions of the globe. He will grow fruit.

Apple picking at Arlington, Neb., was in full swing last month, the large orchards east of town having big yields of fruit. The Ormsby orchard of 5,000 trees had nearly 15,000 bushels.

Old Game Did Not Work

Victims of the same old game that has been worked for years, that of buying No. 1 fruit at No. 1 prices only to find that the No. 1 fruit was on top and the No. 2 and 3 fruit formed the major portion of the package, the fruit brokerage firm of Beckwith & Beckwith, Benton Harbor, Mich., on October 15 caused the arrest of Fred Schair, a Coloma grower, charging him with violating the "pure fruit" law.

Schair was arraigned before Justice English, pleaded guilty, was fined \$5 and costs—amounting in all to \$15—and then was forced to refund the amount paid him by the commission firm for the apples, amounting to \$13.50.

Farmers realize too little how a good tree growth would beautify their land and add to its selling value. In a pennywise fashion they begrudge the few yards of earth that would be shaded by the foliage.

Even looking at the thing from a money point of view, they fail to realize how much handsome trees add to the selling value of an estate. There is a constant and growing stream of people coming out from the cities to buy country places. These people consider not merely the productiveness of the soil, but its physical attractions. Handsome foliage trees count as much as the best equipped barn.

A party consisting of Orlando Harrison, Berlin, Md.; Prof. Thomas B. Symons, College Park, Md.; Roland H. Phelps, Brooklyn, Md.; C. E. Lloyd, Forest Hill, Md., and R. Vincent, Jr., of White Marsh, Md., recently visited the Tonoloway orchard of 800 acres at Hancock, Md., of which President E. P. Cohill of the Maryland Horticultural Society is the head. The shipment from this orchard this year was 28,000 barrels. The orchard is valued at \$400,000.

New Inspection Law Proposed

The legislative committee of the Spokane, Wash., chamber of commerce has been urged by members of the Spokane Fruit Growers' company to interest itself in preparing a draft of new horticultural laws for the state of Washington.

The matters of more particular importance recommended by the growers are amendments of the laws providing for inspection of fruit, nursery stock and orchards. It is stated to be out of the question for the present inspection force to give this work adequate attention.

In 1913 the New York Central railroad Company hauled 4300 carloads of peaches from the Western New York district. This year only 150 cars were required.

Walter P. Stokes, Philadelphia, prominent seed grower, believes that there will be a tremendous increase in the seed raising business in America. Fifty per cent of the seed used here has been imported from countries now at war.

The olive output in California this year, about 85 per cent of normal, will total in the neighborhood of 15,000 tons. This is easily the largest crop since 1911. The production in 1912 encountered serious setbacks and that of '913 was smaller than usual. The value of a 15,000-ton crop at the market price to consumers is figured at about \$2,000,000.

Dr. Oscar Haas, Los Angeles, Cal., awaiting trial on charges of securing money under false pretenses, last month settled out of court a civil suit against him by payment of \$2,550. The suit against Haas was filed by the Kirkman Nurseries, which sought judgment of \$2786 for almond and pear trees sold to Haas to stock a ranch at Banning. Haas filed a counter claim of \$1,686.

Increased Demand for Small Fruits

New Carlisle, Ohio.—W. N. Scarff: "We find the sales in our line about the same as last year, in fact we have all the business we can handle and do it well. We grow small fruit plants only for the wholesale trade and our customers are largely the same from year to year."

"Our stock generally is above the average in quality, although the season has been dry. Raspberry tips always root better in a dry season than in a wet one, hence we have the finest raspberry plants we ever grew. Our assortment is complete, yet there may be a shortage later as the demand for small fruit plants seems to be growing in favor each season at the expense of the tree fruits, owing no doubt to the serious attacks of insects on orchard trees."

"We are in the midst of our fall shipping and are very busy which is of course the way we desire it at this season of the year."

Crops Good; Future Encouraging

Shenandoah, Iowa, Oct. 10.—The Shenandoah Nurseries, D. S. Lake, President: "Our early fall trade is below the usual standard. Quite a good many orders are for small amounts, and no large quantities for any one variety."

"The weather is very unfavorable for handling large amounts of nursery stock. We have a good prospect for the late fall and winter shipments."

"We are not in the retail business, but understand that sales are good on the road

and I look for a prosperous business in the spring."

"All through the Middle West the farm crops are large and prices are good, and I see no reason why the farmers in this section of the country should not prosper for several years. This ought to increase retail sales and I believe the future is encouraging."

Domestic Stocks In Demand

Topeka, Kansas, Oct. 16.—F. W. Watson & Co.: "Prospects in our line (Apple and Pear Seedlings) are very good. Several grades are already sold. The fact that no freight shipments are accepted in France, and probably will not be during the winter, has made several large buyers of imported stocks place their orders for American grown seedlings."

"This has been a very fine growing season for apple seedlings, and stocks have come through in fine condition; no trace of aphid. Leaves are large and healthy. The grades will run largely to No. 1."

"Prices are on the up grade and it looks like the desirable grades would all be sold long before the season is over."

Tree Sales Should Increase

Berlin, Md.—Orlando Harrison, J. G. Harrison & Sons: "Sales are ahead of last season's. Peaches were a paying crop. Sale for trees should be good. Early apples sold well. Good, well-graded winter apples are selling at a fair price, and the sale of apple

trees should increase materially before early spring. Shade and ornamental trade increases."

Nursery Conditions in California

Fresno, Cal., Oct. 14.—Fancher Creek Nurseries: "It is a little too early yet to give any definite information as to the demand for nursery stock in California this coming season. Indications, however, point that there will be a good planting of apricots, prunes, pears, cling peaches, olives and Thompson Seedless grape vines."

"Our business will depend greatly on the ranchers disposing of their fruit crops to good advantage this season. We presume that California is not an exception in the matter of feeling the stress of shortage of money, but if the fruit crops move reasonably well we shall have our usual amount of business."

Fall Sales Largest Ever

Greenbrier, Tenn., Oct. 9.—R. R. Harris, Greenbrier Nursery Co.: "We are just starting our fall shipments and by the 12th inst., will be handling stock as fast as we can get to the orders. Although the first part of the year was very dry, we have had a satisfactory growth in most all kinds of stock. Orders are coming in freely and our sales for fall are the largest we have ever had. It is a little early to forecast business for spring, but think we will be able to close out all the stock we have."

Shipment from Dutch Port "Rotterdam"

The neutrality of our country in the European War will enable us to ship our stocks this autumn by the regular facilities of the Holland-America line to the United States.

We beg to say that our fields of stocks are in the best possible condition and are in the pink of health and free from any disease.

Buy direct from the growers, so you can save the middleman's profit.

From correspondents with whom we have not done any business before we expect satisfactory trade references.

All plants delivered on three months credit from date of invoice. Satisfaction of customers guaranteed.

One year seedlings and two year transplanted for next season's budding and this season's working purposes

**APPLE and PEAR
CHERRY (sour and sweet)
MYROBOLANA and ST. JULIEN PLUM
DOUCIN and QUINCE
DOG and SWEET BRIARS**

Large quantities of strong RED, WHITE and BLACK CURRANT-BUSHES.

Large quantities of strong Superlative Raspberry Canes.
MILLIONS of all kinds of Seedlings and transplanted FOREST and HEDGE PLANTS, with splendid root system.
DWARF and STANDARD ROSES on briar, leading varieties.
HARDY PERENNIALS, leading varieties.

Write to-day for Special Prices

EGB. KLOOSTERHUIS & ZONEN

Wholesale Growers

VEENDAM, (HOLLAND)

BAILEY'S NEW STANDARD Cyclopedia of Horticulture

American Fruits Publishing Company, by special arrangement with the publishers, offers this work on easy terms. Six large quarto volumes. More than 3,600 pages. 24 full page exquisite color plates. 96 beautiful full page sepia halftones. More than 4,000 text engravings. 500 Collaborators. Approximately 4,000 genera, 15,000 species and 40,000 plant names.

The new Standard Cyclopedia of Horticulture has been freshly written in the light of the most recent research and experience. It is not merely an ordinary revision or corrected edition of the Cyclopedia, but it is a new work from start to finish with enlarged boundaries geographically and practically; it supersedes and displaces all previous editions or reprints of every kind whatsoever. It is both an Encyclopedia and a Manual, for with the aid of its Synopsis and Key, amateur and professional alike may quickly identify any plant, shrub or fruit contained within the set, and then receive expert instructions for its cultivation.

Send for 16 page Prospectus

Containing complete description. Everything newly written, up to date and beautifully illustrated in colors and sepia.

American Fruits Publishing Co., Inc.

Ellwanger & Barry Bldg. Rochester, N. Y.

Grape Harvest In Western New York

THE first week of last month saw the grape harvest in the Western New York district in full activity. Growers who contracted with the Welch Grape Juice Company, Armour & Company of Westfield, the Puritan Products Company of Fredonia, the Naboth Packing Company of Broton, and F. N. Randall of Ripley, commenced to deliver then.

Some growers contracted all or part of their crops at \$35 per ton. Considerable comment was made that the Welch Grape Juice Company made a mistake in stating in its contracts not less than \$35 per ton, but all dealers except one held the price at \$30 per ton, and it takes the vineyard run, while Welch insists upon a very close inspection, so the Welch company did not get far from the price as growers would as soon sell to the dealers at \$30 per ton as to Welch at \$35. The prices on eight-pound baskets advanced, dealers quoting 12 cents, while in twenty-pound baskets remains the same at \$30 per ton.

In 1898 there were shipped about 5,500 cars of grapes. All of these were packed in eight and four-pound baskets for table use. These grapes were all picked in trays taken to the packing house and repacked into baskets. This required a large amount of help, mostly women, who came from nearby cities and towns. The average price that year was 7 cents a basket.

Seventy-five per cent of the grapes that year were handled by an association, the balance by independent shippers. Later there was a demand for wine grapes, mostly from the Italians in the cities. These grapes

were picked and shipped in trays. Still later the twenty-pound basket came into use and is largely used today for the wine trade. Then came the unfermented juice factories who take the grapes in trays, so to-day not more than one-half the help is required to harvest the crop and more men and young men are employed.

Years ago it was thought impossible to pick and pack the eight-pound basket in the field while today this is largely done and at a less expense to the grower.

There is no question that the demand created by the wine men and juice factories has been the salvation of the grape industry. Prices last year averaged the growers 19 cents for eight-pound baskets and \$45 to \$50 per ton for bulk.

The Buffalo Courier directs attention to the marketing system which has not materially changed and which, it says, is worse if anything. Within a radius of ten miles on September 24, a dealer paid four different prices for grapes at his loading places, 9, 9½c, 10c and 10½c for eight-pound baskets all the same quality of grapes. Such is the system.

Today we have grape kings and grape queens. Ross Dean of Portland with 450 acres is no doubt the king as far as acreage is concerned, while George Towne of Silver Creek comes next with about 200 acres. Mrs. Helen Freeman of Fredonia has been called the queen with close to 100 acres.

Members of the Upland Citrus Association, Los Angeles, Cal., received \$428,134.47 for their fruit this season.

The Board of Trustees of the Massachusetts Horticultural Society has awarded the George Robert White Medal of Honor for the current year to Sir Harry J. Veitch of London, in recognition of his distinguished services in promoting horticulture both in Great Britain and in the United States. This is the sixth award of this medal, which was established by George Robert White of Boston in 1909, to be awarded annually by the Massachusetts Horticultural Society to the person who has done the most in recent years toward the advancement of the interests in horticulture in its broadest sense.

The dependence of the nursery trade of this country upon the warring nations of Europe, says the Florists Review, is shown by the fact that out of 3,779,041 growing trees imported in one year, 1,782,255 came from France, and 849,245 from Germany. Of the fourteen other countries from which nursery stock was imported, the only one which sent a considerable quantity, comparatively speaking, was Holland, whose shipments here numbered 690,632. The greater part of the tree seeds which this country imports come from Germany and amount to several tons.

No person or firm interested in any way in the sale of trees or shrubs, flowers, land or fruit, or any trade supplies is in a position to dictate the policy of this publication. American Fruits is the only Nursery Trade Journal of which this can be said.

The record fruit crops in Michigan this season have resulted in a basket famine. Basket factories throughout the state are being pushed to their capacities and yet they are unable to supply the demand. In Berrien county and surrounding fruit belts it has been necessary to inaugurate a system of division so that no farmer or fruit grower will be entirely without baskets. The demand in every quarter, it is reported, greatly exceeds the supply.

The next few years will likely witness some radical changes in fruit and truck growing methods in the lower part of the Delmarvia Peninsula, whose fame is increasing so rapidly as a great fruit and truck garden, for the fruit growers are already beginning to take up apple culture on a large scale, while through the efforts of the agricultural division of Delaware College, the state is expected again to become famous as a peach-growing state.

The grape crop in Kent county, Del., has been one of the largest in recent years. A. G. Massey, a small grower, on Sept. 20 had already shipped over ten tons of grapes, while the J. F. Moore Vineyard Company had picked, packed and shipped nearly 38,000 baskets, with the expectation of the crop being over 100,000 baskets.

The Northern Orchard Company will plant 2,000 apple trees, 1,000 plum trees, 1,000 cherry trees, 200 pear trees, three acres of strawberries, two acres of currants and two acres of gooseberries, next spring on their 200 acre fruit farm, nine miles out from Marquette, Mich.

Orange shipments from California and Florida to Canada are increasing, having been 600,000 boxes during the first eight months of 1913, and 1,400,000 boxes during the eight months ended August 30, 1914.

NURSERY STOCK

Complete line: Boxwood; Conifers; Rhododendrons; Peonies; Lilacs; Azaleas; Clematis; Hydrangeas; Japanese, Schwedleri and Norway Maples; Fruit Stocks; Manetti, Rosa Canina and Sweet Brier Rose Stock; Field-grown Rose Bushes, etc., etc.

NOTWITHSTANDING THE WAR, WE EXPORT WITHOUT DIFFICULTY TO THE U. S. A. AND CANADA

KALLEN & LUNNEMANN
BOSKOOP, HOLLAND

WOOD LABELS

The kind that gives satisfaction
Can be supplied either plan or
printed, with Iron or Copper wire
attached in any quality.
Our facilities for handling your
requisite are unexcelled.

Samples and prices are at the
command of a communication
from you.

DAYTON FRUIT TREE LABEL CO.

DAYTON, OHIO

R. B. GRIFFITH, FREDONIA, N. Y.
Successor to Foster & Griffith

GROWER of GRAPEVINES, CURRANTS, GOOSEBERRIES and RASPBERRIES. Just the best for wholesale and retail trade, and grown in the very best locality for root growing in the world.

AMERICAN FRUITS PUB. CO., INCORPORATED
STATEMENT of ownership and management of "American Nut Journal" published at Rochester, N. Y., required by the Act of August 24, 1912: Editor, managing editor and business manager, Ralph T. Olcott, Publisher, American Fruits Pub. Co., Rochester, N. Y. Stockholders, Ralph T. Olcott, G. R. Olcott, G. K. Olcott. Sworn to and subscribed Sept. 21, 1914, before Wilbur F. Osborn, notary public, whose commission expires March, 1915.

BERCKMAN'S Dwarf Golden Arbor-Vitae (Biota Aurea Nana)

Camellias, home-grown
Azaleas Indica, home-grown
Teas' Weeping Mulberry, extra heavy
Lilacs, best named sorts
Grafted Wistarias, 2 to 4 years old
Biota Aurea Conspicua, all sizes
Biota Japonica Filiformis, 1 to 4 ft., fine an
Magnolia Grandiflora, Magnolia Fuscata,
Magnolia Purpurea, Exochorda Grandiflora
Deutzia, Philadelphus

We have a large stock of fruit trees, ornamental trees and shrubs

All orders receive prompt and careful attention

P. J. BERCKMANS CO., Inc.

Fruitland Nurseries

Established 1886

AUGUSTA, GA

KNOX NURSERIES

Cherry Trees

One and two years old. The best the market affords

H. M. Simpson & Sons,

VINCENNES, IND.

We Offer for Fall 1914

NORWAY MAPLE

SILVER MAPLE

CAROLINA POPLAR

THE GREENBRIER NURSERY CO., Inc., Greenbrier, Tenn.

IN CARLOTS

ALL SIZES

GET OUR PRICE

Apple Culture In California

California is becoming more and more interested in apple growing. Regarding the chances of producing winter apples the Pacific Rural Press says editorially:

"The grand beauty and keeping quality of California mountain apples were demonstrated soon after the American occupation and before any commercial greatness in our fruit products was thought of. The fact was thrown in the world's eye at the Centennial Exposition in Philadelphia in 1876. A systematic demonstration was made at the New Orleans Exposition of 1885, where apples grown at elevations of from two to four thousand feet in different parts of California were shown in June of the following year in competition with fruit grown in the mountains of Arkansas and Missouri and the few specimens remained in good show condition while the fruit upon competing plates was several times replaced. This test was accidental in a way because the California exhibitor had no reserve stock to replace with and was forced to let his first specimens stand up against all comers and their behavior was a revelation to all beholders. California made the

record then for the supreme quality of winter apples grown at elevations in a semi-arid climate and the question which has recently arisen as to whether California can grow as good apples as the northern states of the coast which have similar climatic characters, should be reversed. Can they grow as good apples of that class as we?

"On the commercial side, however, our northern competitors have passed us. They have decided advantages in transportation; they are almost out of sight of us in the important matter of growers' organizations for standardization and handling of fruit as applied to the apple: they are concentrating upon a single fruit and upon a very few best varieties—as we are doing with the orange, but we cannot compare with their concentrated and systematic work in connection with any other fruit which we grow. We must do this with all commercial fruits if our production is to be much increased. But giving them this credit, and thanking them also for the confidence and buoyancy which their distinguished successes will contribute to the spirit and development of all the fruit interests of the coast, we must claim that they have demonstrated nothing distinctive in natural adaptations beyond what California elevations possess. The high valleys of Lake, Mendocino and Humboldt comprise half a dozen districts like Hood River; the Shasta region has all the variations in altitude and exposure which has eastern Washington from Wenatchee to Walla Walla and from North Yakima to Spokane, and Mt. Shasta is higher and handsomer and can shake biting breezes from his shoulders which will bring just as bright a red to the cheek of the apple and as deep a blue to the nose of the grower as any of the northern snow-clads can produce. There are also high valleys in the central Sierra region and in the mountains of southern California, where the 'warm days and cool nights,' which our northern friends are claiming monopoly of, are the regular thing during the growing season and where the winter is marked by heavy rains and snow flurries which are just as sold and wet as theirs."

SAY! LISTEN!

WE KNOW you will need some apple and perhaps other stock for late fall or spring shipment. Naturally you will want the best your money can buy.

A POINTER FOR YOU. We have the finest lot of two year **BUDDED APPLE** we have ever grown. Beautiful trees. Also two year grafted apple as good as the best. All strictly **FIRST CLASS**.

Do not forget the **MYATT'S LINNAEUS RHUBARB**, true stock, propagated by division and not grown from seed. Order a few for propagating purposes. You know seedling Rhubarb is not reliable.

We also offer **BECHTEL'S FLOWERING CRAB**, nice, stocky, well branched trees. **CATALPA BUNGEII**, straight, smooth stems, with good heads. An unusually fine lot. For other stock see our advertisement on page 112. If you have mislaid our wholesale list send for another.

J. H. SKINNER & CO.

TOPEKA, KANSAS

Headquarters For

Oregon Champion Gooseberry and Perfection Currant

Attractive Prices made now for Advance Orders

A very complete line of general Nursery Stock including a choice assortment of one year budded, and two year Apple and Pear

Correspondence Solicited

PORTLAND WHOLESALE NURSERY CO.
301-302 Stock Exchange Bldg. PORTLAND, OREGON

Stark Suits Settled

The Louisiana, Mo., Press Journal of Oct. 20, 1914, has the following:

At a meeting held at the office of Judge Elijah Robinson in Kansas City, last Friday the various suits and business differences existing between W. P. Stark and the Stark Bros. Nurseries and Orchards Co. were settled.

According to the terms of the agreement W. P. Stark agrees to dismiss the receivership suit now pending and pay all court costs; also to repurchase the Rolla orchard, paying \$10,000 in cash and other considerations as per original agreement.

He also agrees to pay a \$9,000 note on which the company had brought suit at Neosho, together with costs and to settle open accounts as per books of the company.

Stark Bros. Nurseries and Orchards Co. agreed to purchase from W. P. Stark his one-third interest in the 80 acres of land near this city in which partition suits are pending, for \$3,100 and to pay the costs of the suits and to declare accrued dividends to the stockholders, the dividends having been withheld the past two years; also to declare the regular dividend in December.

There was also a controversy in regard to the exclusive rights in the Stark Delicious apple tree and W. P. Stark agreed to

discontinue advertising the exclusive rights.

In the receivership suit at Mexico W. P. Stark was represented by Senator Ball and Pearson & Pearson of this city, Wilfley, McIntyre and Narden of St. Louis and Robertson & Son of Mexico and the company was represented by J. W. Matson of this city and Judge Robinson of Kansas City. In the Neosho case O. L. Cravens of Neosho was associated with the above named attorneys for W. P. Stark and Mr. Matson represented the company as he has in all the other cases.

The settlement in no wise affects W. P. Stark's stock in the Stark Bros. Nurseries & Orchards corporation.

A meeting of the stockholders was held at the office of the company west of the city Tuesday afternoon for the purpose of declaring the dividends referred to above.

The accrued dividends to stockholders have been paid. The amount was \$75,000.

Apple Day Generally Observed.

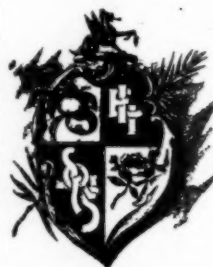
Apple Day was more generally observed this year than ever before and it is satisfying to note that little was heard of a conflict of dates such as prevailed last year. The third Tuesday in October is National Apple Day—as originally suggested in *American Fruits* years ago by James Handy, Quincy, Ill. The Chicago Examiner puts the case rightly and widely: "Tomorrow is Apple Day from the Atlantic to the Pacific, and the public is urged to eat at least one apple then. It is the tenth anniversary of the national day of homage to King Apple."

All this is good publicity work for nurserymen.

The Monroe Nursery

I. E. Ilgenfritz' Sons Co.

MONROE, MICH.



Over
Sixty Years
in the
Business

Offer a
General
Line of

**CHOICE
NURSERY
STOCK**

Cherry and Std. Pear

of extra quality. If you are in the market for superior trees write us for prices.

I. E. ILGENFRITZ' SONS CO.

MONROE, MICH.

Manufacturers of the Celebrated Ilgenfritz Graft and Stock Planter and Firmer.

Just say you saw it in AMERICAN FRUITS.

Annual Meeting of Texas Nurserymen's Association

J. M. RAMSEY, Austin, Tex., Secretary

J. B. Baker welcomed the nurserymen to Fort Worth in a few remarks, and said he wanted to help them mix a little pleasure with their business during the convention. Response was made by F. K. McGinnis, Terrell. President John S. Kerr delivered his annual address.

Report of secretary-treasurer showed the following: Total expenses for past year, \$231.48; cash received, \$209.50; leaving a deficit \$21.98.

An item in the expense account was one for \$26.55, paid H. I. Martin to cover part of his expenses for trip December, 1913, to appear with a committee before the Texas Railroad Commission in the matter of securing reduced rates on balled nursery stock. In the face of the deficit, Mr. Martin at the next session of the Association said he did not feel like accepting the amount paid him for his expenses, and that he wished to return it. After a discussion, which brought out the opinion of all present that the Association needed more money with which to reimburse those expending funds in behalf of the Association, and that it was only right that such reimbursement should be made, if by any means possible, it was voted to accept Mr. Martin's tender of the amount, with thanks for his generosity. This left the Association with \$4.57 on hand.

The following committee were appointed: Resolutions—J. R. Mayhew, Will B. Munson, G. H. Blackmon. Auditing—H. I. Martin, L. J. Tackett.

Motion carried that the Secretary should write the secretary of the Texas Farmers Congress, as to reduction in pro rata share of expenses paid each year for the July meeting. The nurserymen at present pay \$25 per year.

Effects of the War

The first subject on the program, "The Probable Effects of the European War upon Southwestern Tree Planting," was handled by J. R. Mayhew, Waxahachie, to whom this subject had been assigned, as Mr. Kerr said, because Mr. Mayhew was, like most nurserymen, an optimist.

Mr. Mayhew said that the effects from conditions brought about by the war were at present very unsatisfactory, especially in the cotton producing sections. He warned those present to be prepared for perhaps the worst season known. At the same time he admitted the possibility of conditions becoming better in a short while, so that nurserymen would enjoy perhaps a normal business.

Others present, including Messrs. Baker, Martin, Tackett, and Ramsey, felt that there was a fair amount of money in the hands of most people, but that it was very hard to induce them to buy anything at present. They prefer to wait to see what turn in affairs may be taken. The other speakers seemed very hopeful that before the season was over, a tree planting fever would induce the usual number of customers, or more, to plant trees for fruit or ornamentals.

A report was had from a committee appointed at Dallas meeting February, 1914, to investigate lower express rates for balled nursery stock. Mr. Baker, for the chairman, Mr. Munson, reported that they had found the Texas rates to compare favorably with

others, and believe no further reduction should be asked.

Mr. Tackett displayed a bushel of handsome apples, from Eastland County, showing the value of proper spraying of orchards.

Horticultural Society Needs

At opening of the Thursday session, five minutes each were allowed J. H. Arbenz, Sarita, president, G. H. Blackmon, secretary-treasurer, and Mr. Munson, member of executive committee, of the State Horticultural Society, to discuss the present needs of their Society. The problem of means for securing more money is urgent, and it is doubtful whether membership dues will answer. All agreed that there was need of an official organ, a monthly publication of some kind. Suggestion was also made that Texas needed a Horticultural Board, composed of perhaps nine members, of whom one should act as secretary, and be paid by the state. In some way as this, the duties of the Horticultural Society might better be carried out.

Along this line, E. W. Kirkpatrick, McKinney, said that for nearly forty years he had been attending these and similar meetings, and he could see that the world was reaching the stage gradually of dependence on Horticulture. This is particularly shown by years such as the present, when the cot-

ton crop can not be moved. He urged practical handling of horticultural matters by legislatures and universities.

Entertainment

Mr. Baker invited all visiting nurserymen, or others, to take a ride around the city in the afternoon. Accordingly at 3 p. m. after the last session, every visitor made for the automobiles waiting, and enjoyed three hours of riding over the city's and Tarrant county's splendid streets and roads, passing by the Coliseum, stock yards, and packing plants, and going through some of the fields and greenhouses of Baker Brothers. Every nurseryman expressed his delight in going through the fields of high class ornamentals, seeing some new things being tried out for this country, and finally the extensive greenhouses built of concrete, steel and glass, and filled with hundreds of thousands of plants. Here the members were met by Mr. Baker's family and office force, who served refreshments. Three rousing cheers were given for Baker Brothers, and the final stage of the trip was begun, a ride further out into the country over the fine roads as were ever built, thence back to town.

Mr. Tackett extended an invitation to visit the roof of the American National Bank building, which was accepted for the noon hour.

Continued on Page 111



A BETTER TREE DIGGER FOR LESS MONEY---\$75.00

We now offer to the trade the new William P. Stark Tree Digger—a digger with practical improvements that make it the strongest, most durable and most satisfactory digger on the market—and at a special low introductory price.

NOTE THESE FEATURES

Heavy, crucible steel blade with cut edges—milled, not rolled. Blade reversible.

Seasoned oak beams, reinforced by heavy, bolted steel brace.

Uprights of 3 inches steel compressed and enlarged at bend, giving additional strength.

Special brace from beam to blade makes digger run straight and easy.

REPAIRS AND EXTRA PARTS REASONABLE

We furnish extra parts to fit this or any regular standard measurement digger at very reasonable prices. One of our new crucible steel blades, with cut edges will double the life of your present digger. Blade alone, \$30.00. Write for full details.

WILLIAM P. STARK NURSERIES

Neosho, Missouri

American Fruits

An International Journal

Nurserymen, Arboriculture,
Commercial Horticulture

AMERICAN FRUITS PUBLISHING CO., Inc.

Ellwanger & Barry Bldg., Rochester, N. Y.

Phones: - Main 1603; Main 2802

RALPH T. OLCOTT, Pres. and Treas.

Chief International Publication of the Kind

SUBSCRIPTION RATES

One year, in advance	- - -	\$1.50
To Foreign Countries, and Canada	- - -	2.00
Single Copies	- - -	.15

Advertisements should reach this office by the 15th of the month previous to date of publication.

Drafts on New York, or postal orders, instead of checks, are requested.

ROCHESTER, N. Y., NOV. 1914

An eighteen acre young lemon orchard near Ventura, Cal., was purchased this fall for \$18,500 by Dr. T. E. Cunnane of that city.

The Florida Citric Exchange has been organized at Central Supply, Fla., by the lime growers along the Florida Keyes. Fully 98 per cent of the Key lime growers were represented. They selected Miami as the distributing point for their products. The following officers were elected: Alfred Atchinson, president; Stephen M. Lowe, secretary and treasurer.

The question of the validity of the West Virginia "cedar rust" law which has caused intense bitterness in all sections of the state between the fruit growers and owners of cedar trees was passed upon by Judge J. M. Woods in the circuit court at Martinsburg, the court holding that the law is constitutional in every provision.

Selling half his dried apricot product for five cents less per pound than last year, Chris G. Marchus, known as "the apricot king" in the San Pasqual valley, east of Escondido, Cal., claims that the European war has cost him \$1000 thus far.

Members of the Ontario-Cucamonga Fruit Exchange, popularly known as the O. K., which operates nearly half of the citrus packing houses in the Ontario, Cal., section, and is the third largest exchange in the state, will receive \$2,000,000 for fruit shipped during the 1913-14 season just closed, according to figures given out by Manager Harry B. Harlow.

The Cashmere and the Hood River districts of the Pacific Northwest each report a crop of 1200 cars this season. Yakima Valley, Wash., reports more than 3,500 carloads.

Cheboygan county, Mich., will ship 20,000 barrels of apples this season.

Nearly 3,000,000 young trees were set out this year on the national forests of northern Idaho and Montana. On the St. Joe national forest in Idaho 3,000,000 acres will be planted.

Approximately 750 acres on the Oregon national forest were planted with young trees this year.

C. F. Swayger, landscape gardener, has accepted the position of chief gardener of the Illinois Central-Yazoo and Mississippi Valley Railroad Company. He will be in charge of the railroad gardening in a territory of 10,000 miles.

Ground was broken last month in the Mattole valley, California, for the season's planting of walnut and fruit trees. To date the Mattole Orchard Tract Company has planted over 10,000 trees, principally walnuts, apples and pears.

Just say you saw it in AMERICAN FRUITS.

How to Secure Publicity

Members of the American Association of Nurserymen who have read recent articles in *American Fruits* on the advisability of making the Association of direct value to the members may wish to know just how the publicity we have referred to can be brought about. In the October issue we outlined by citation and by suggestion numerous methods which might be regarded as subsidiary to the main plan. As to the latter we may cite the proposal of the National Association of Life Underwriters for a national and general advertising of life insurance. Discussing this topic *Printers' Ink* last month said:

There is practically no dissent among live life-insurance men to the proposition that advertising will benefit the business, the only cause of delay so far having been some difference of opinion as to the method of assessment for the contributions to be collected.

At the recent meeting a plan was proposed by the committee on education and conservation, of which Mr. Horner is chairman, and which is handling the proposition which met with general approval, and it is upon this plan that \$22,000 has already been pledged. It is proposed to make a levy of five cents on each one thousand dollars of insurance written, to be paid by the general agency handling the business; and, while this sum is a comparatively inconsiderable percentage of even a small general-agency commission, it is estimated that such a levy, if met by all of the general agencies, would produce a revenue which would finance a big advertising campaign.

It is further proposed, under this plan, which was approved by the executive committee of the organization, to expend twenty percent of any funds collected for some form of national advertising, and to turn back the remainder for expenditure in newspaper advertising in the communities by which it was contributed, so that the bulk of the money collected from the various agencies will be spent in a manner which should result in their direct benefit. Under this plan, however, the copy used in newspapers would be prepared under the direction of the bureau or committee having all of the advertising in charge, in order that the best results might be obtained.

There is sufficient in the above to suggest a plan for the American Association of Nurserymen.

Why Not the Best?

In another column of this issue of *American Fruits* is a communication from Prof. H. E. Van Deman on the subject of Damson plums. He is an authority on fruit varieties and if it is true that the French Damson cannot readily be found in American nurseries it is a decidedly unfavorable commentary on American nursery practice, unless there are cultural or other reasons why this variety is not desirable for cultivation by the fruit grower.

We would be glad to hear from nurserymen on this subject.

A Publicity Pointer

If the Middletown, Pa., Journal will publish the following editorial voluntarily, what could not the publicity committee of the American Association of Nurserymen procure in the way of publicity through the papers all over the land?

This is the season of good fruit. If spiritual beings eat, it must be of fruits that they partake. There is in fruit no suggestion of corruption, the hideous after-chemical horror which attends the change of flesh foods. The Arcadians lived on fruits.

At this season the grapes are appealing to us; they cluster among the cool vines, rich and luscious. Some of them are translu-

cent; others deep with the mystery of undeniable tints. No wonder the old Israelites, along with their oriental neighbors, sang the praise of the grape. No wonder Omar, lazy vagabond, in the clean moonlight sang of the grape—the vine, though he wanted the blood of the fruit, fermented and charged with those tiny globules which nestle in the brain and exalt it to glory or madness.

This, too, is the season of the peach—there are plenty of peaches in the markets now. Nature, the divine magician, created in the peach a masterpiece. She put on its face the colors of the fresh dawn, and in its heart the sweetness of the sun.

The pears and the apples are coming, though we have them now in market, brought from the southlands; soon we shall have the honest product of our own fair orchards. Who has not loved to stand under the bending boughs and revel in anticipation over the pink, crimson, russet, primrose, scarlet tints of the laughing apples overhead? The smell of them—how good it is; and one can always hear the busy humming of the bees and yellow-jackets, sure lovers of the best fruits and flowers.

Why Publicity?

In the October issue of *American Fruits* we gave sundry reasons for the desirability of a publicity campaign on the part of the American Association of Nurserymen. It would seem to be unnecessary to point to the successes following national advertising campaigns by such concerns as Eastman Kodak Company, Steinway & Sons, L. E. Waterman Company. Nurserymen should learn to appreciate the fact that more and better advertising helps all alike. The Eastman Kodak Company has worked diligently to promote interest in photography rather than merely to insist that its cameras are better than others. The Aeolian Company found it profitable to advertise the idea of music in the home instead of merely Pianolas. So in the nursery business it would be found profitable to advertise the value of nursery stock—both fruit and ornamental—rather than merely that the trees and shrubs grown by one concern are better or cheaper than those of another concern.

This is what we mean when we advocate Publicity for the Nursery Trade. And should one or two firms, however large and influential, bear the cost thereof? It may be that some such firms will do it; but why should not the American Association of Nurserymen do something in behalf of the Nursery Trade?

Good Policy for Nurserymen Too

A writer in *Florists' Exchange* says: "We are always endeavoring to get the public to buy more flowers. In order to do that, we must make flowers more of a regular, everyday commodity, by putting prices in the reach of the masses of the people. If we can increase our volume, also reducing our expenses, we can afford to sell them for less; and in the long run this will be the answer to the problem of getting flowers into the hands of more people."

Importations of Nursery Stock

Importations of nursery stock to the United States during August, 1913, amounted in value to \$412,355; in August, 1914, \$411,846. For the eight months ended in August the totals were: 1912, \$1,283,358; 1913, \$1,337,971; 1914, \$1,414,788.

"Advertising—The Spark Plug of Business."

Just say you saw it in AMERICAN FRUITS.

The Round Table—In Common Council

The French Exports

Editor American Fruits:

Since the declaration of the war to France and to the allies and friends by Germany, I have been much interested in reading the notes inserted on the subject in the American Horticultural trade papers.

Being not mobilized on account of age, consider it a duty to explain to your readers in the name of my countrymen for our mutual benefit how stands the situation in France and how we expect it will be later on.

Concerning the Fruit, Ornamental, Forest, Roses, and other young stocks, also any Plants, Roses, etc., which are generally grown in France for export in despite of the mobilization which has taken off about sixty to seventy per cent of the chiefs, staffs and workmen in our nurseries I think that there remain sufficient direction and labor in every firm to be in position to do the shipment of the goods already ordered or to be ordered by the U. S. A., the English colonies, etc., etc. This labor will be sufficient this season because our sale in France and on the European continent will be probably small.

Our principal places of exportation, Angers, Orleans, Lyon, Ussy, the Paris district, etc., have not been affected by the war, having not been in the lines of action of the armies. The railways and seaports in connection with your country being also without harm, will be in position to accept our goods in time of shipping, beginning generally at the end of October.

In conclusion, we are in as good position as any country to do our export trade this season and as widely as it can be done.

Please accept our deepest sympathy with thanks for your kind attention.

E. TURBAT.

General Secretary of the Federation
of French Nurserymen.

At the recent annual meeting of the Affiliated Advertising Clubs of Cleveland, Detroit, Buffalo and Rochester the following was sung:

Are you every minute filling
Seeking franc, mark and shilling,
While the dollar's lying idle at your gates?
Are you sure your tale's been told to,
And your products have been sold to
Every customer in these United States?
Now in Europe bombshells hurtle
Over fields that once were fertile,
And there isn't any business 'cross the foam;
Don't you think if you would hustle,
Would display some grit and muscle,
You could do more than you're doing here
at home?

Just say you saw it in AMERICAN FRUITS.



New Concrete Packing House of H. S. Taylor & Co., Rochester, N. Y. Devoted Exclusively to Roses and Shrubs. With Offices and Special Equipment for male and female employees. Heated and lighted for year around work.

North American Pawpaw

Editor American Fruits:

I have your favor of September 30 with a clipping regarding the "North American Papaw." When this word is spelled "Pawpaw" we think of it as referring to Carica papaya, which is a tropical tree producing large edible fruits along the trunk. We have them in the greenhouses here on the Department grounds. The native hardy pawpaw, Asimina triloba, is the one I am interested in, and although it may be spelled either way we prefer this—pawpaw. Mr. Aikin is wrong in supposing that the pawpaw is not native farther north than central Indiana and Illinois. I know that it extends throughout southern Michigan and Pennsylvania, Maryland, Connecticut, and I presume also in New York and Massachusetts. I have just received a letter from a gentleman in Connecticut giving information regarding the pawpaw in his part of that state. The pawpaw is native along streams, but it will grow in gardens on high land, I know this because I have seen them in such locations.

C. P. CLOSE, Pomologist.

Washington, D. C.

What Organization Does

Editor American Fruits:

The "Blue Triangle Brand" of Rogue River pears are carrying off all the laurels this season. The other day, the Northwestern Fruit Exchange, of this city, agents for the Rogue River Fruit & Produce Association of Medford, announced the sale of a carload of Buerre Bosc at an average in New York of \$2.15 per half box, equal to \$4.30 per box. Now comes the report of sale in New York yesterday by the Exchange of the first car of Blue Triangle Comice of the season at prices which establish the season's record of the whole New York market, which, in high grade pears, is to say the world's market. This car contained 423 half boxes of Blue Triangle Comice which averaged \$2.89 per half box, equal to \$5.78 per standard or full box; the car also contained an experimental lot of 57 "trays" or single layer boxes which have been recommended by the Exchange's London manager for several years and which realized \$1.50 per tray, or the equivalent of about \$6.00 per box. This would seem to show the wisdom of this sort of package for Comice of the finest selections, as this package is designed to protect the fruit from bruising, which so disfigures it. The idea is taken from the French growers who pack all their finest Comice in this manner. This car also contained 330 "Red Triangle," the next

best grade of Comice, in half boxes which averaged \$2.34, a really phenomenal price, and 15 half boxes of D'Anjou completed the car with an average of \$1.70. The whole car grossed \$2,105.67.

The nearest approach to this record made by the Santa Clara Valley California Comice was recorded on Sept. 11th, when a car of the celebrated "Block Brand" averaged \$1.82 per half box, which is \$1.07 per half box lower than the Blue Triangle halves and even 52c per half box less than the Red Triangle, the number two grade of the Rogue River Association. The value of organization, facilities, management and sales facilities are splendidly illustrated in this sale, as other or "independent" brands of Rogue River pears sold in New York yesterday under identical conditions of market, etc., realized far less. One car of this independent fruit brought for Comice halves \$2.07, another mark \$2.05, still another Comice in full or standard boxes averaged \$2.39, or less than half the price realized by the Exchange for the Triangle Brands.

NORTHWESTERN FRUIT EXCHANGE.
Portland, Ore.

The French Damson Plum

Editor American Fruits:

There seems to be always a good demand in this market for Damson plums at fair prices. There are several varieties and they do not usually vary much in season of ripening or in size and shape, but the great majority are quite small. The Shropshire seems to be the variety propagated and sold by nurserymen almost entirely, yet it is not the largest or best one.

The French is the largest of all the Damsons and is of excellent quality. Some years the flesh clings to the seed and at other times it does not, but the season of ripening is always late; which is desirable, for this avoids the usual rush of fruits in market. The tree of this variety is the largest of all Damsons and bears well. The foliage is large and very healthy and this insures the perfect ripening of the fruit and the wood.

It is strange that nurserymen do not abandon the propagation of the Shropshire and other inferior varieties and give the public this valuable variety instead. I have been trying to buy several hundred trees of it to plant in Virginia, but no nursery so far heard of has them to sell. This seems remarkable in view of the real facts as to the comparative value of the varieties of Damson plums.

H. E. VAN DEMAN.

Washington, D. C.

Do Not Know the French Damson.

Editor American Fruits:

We do not know of the French Damson plum. Perhaps it is not grown in this country. We have the common Damson and the Shropshire. Have had no calls for others.

BROWN BROTHERS COMPANY.

Rochester, N. Y.

No Demand for French Damson.

Editor American Fruits:

We formerly grew the French Damson plum but have not in late years because the only demand seems to be for the Shropshire.

ELLWANGER & BARRY.

Rochester, N. Y.

Fortieth Convention American Association

The fortieth annual convention of this Association will be held at Detroit, Mich., June 23, 34 and 25, 1915. The last convention, which was held at Cleveland, O., was the largest and best for some years: the Detroit gathering, which will mark the fortieth anniversary of the Association is expected to eclipse any meeting in the history of the organization. The committees on arrangements, program and entertainment have already commenced their work. Nurserymen who are not on the membership roll of this Association do themselves and this valuable trade organization a great injustice in exhibiting such a lack of interest, and we would suggest that such place themselves in communication immediately with Secretary John Hall, 204 Granite Building, Rochester, N. Y.

JOHN HALL, Secretary.
Rochester, N. Y.

The Limit of Apple Grafting.

A despatch from Hart, Mich., says: "One of the interesting exhibits at the recent Oceana county fair was a display of 84 varieties of apple picked from a single tree. This was made by G. W. Haight, of Pleasant Valley farm. Mr. Haight has done some experimenting with a tree that was originally a Tallman Sweet. He now has the tree grafted to 135 varieties of apple. This is believed to be the most versatile tree in the country."

WANTED Sales Manager

One who understands Southern Fruits
and Trees

For a Mail Order House

Address. A. D., Care AMERICAN
FRUITS, Rochester, N. Y.

THE AUDUBON NURSERY

Offers to the Trade for FALL and SPRING 1914-1915
NORWAY MAPLES, PIN OAKS,
LOMBARDY POPLARS ORIENTAL PLANE
LILACS IN VARIETIES, IBOTA PRIVETS
Send us a list of your requirements. We will quote
low prices

P. O. Box 731. Wilmington, N. C.

WRITE FOR PRICES ON

CUTTINGS

MARIANA PLUM
NORWAY POPLAR
LOMBARDY POPLAR

LARGE STOCK OF BLACK WALNUTS

All grades at Special Prices

PARKER BROS. NURSERY COMPANY
FAYETTEVILLE, ARK.

Headquarters for Amoor River Privet;
Amoor River North and California. Reason-
able prices and prompt shipment. Also shade
trees, evergreens, grapevines and Thunberg's
Barberry in quantity. Let us quote you be-
fore buying. PEACH PITS, CROP of 1912.
VALDESIAN NURSERIES, Bostic, N. C.

Just say you saw it in AMERICAN FRUITS.

At McMinnville, Tenn.

McMillville, Tenn., Oct. 20—A. P. Hill, Secy. Forest Nursery and Seed Co.: "Our business so far has been fully up to expectations considering the condition of the money market.

Sales not quite so large as this time last year, but expect a revival of business later. Our surplus not very large."

Utah peach shipments over the Denver & Rio Grande this season were almost 100 per cent heavier than ever before in the history of horticulture there, according to a statement by S. V. Derrah, assistant general freight agent of that road and of the Western Pacific.

H. A. Halbert has purchased the Swinden farm near Brownwood, Tex., and preparations are made to improve it in every possible way, so as to make it a good commercial paying property. The farm is said to be the largest seedling orchard in the world.

A new industry has sprung up at Fraser and Idlewild, mountain resorts in the Greenhorn range west of Pueblo, Col. The government forestry department is purchasing large quantities of pine cones in order to get seed for replanting forests in Colorado. The people of the mountain districts, men, women and children have become gatherers. The government is paying 45 cents a bushel for cones and it is not a big day's work for a child to gather 10 bushels during a day while men and women are earning from \$5 to \$8 a day.

The Burlington, N. J., Enterprise says: I. Snowden Haines has returned from a trip to Maryland and West Virginia in the interest of the companies of which he is the president, and which operates in those states. While there he inspected an apple orchard of fifty-two thousand acres, thirty thousand acres of which has been planted with one million two hundred thousand trees.

Chester A. Congdon, millionaire, Duluth, Minn., who has a 600 acre orchard near North Yakima, Wash., has begun the erection of a \$100,000 residence on his tract. Last year he built a \$40,000 packing house in the orchard.

A new office building has been constructed by the Texas Nursery Company, Sherman, Tex.

Kelway & Sons, Langport, England, have received an order for seventy tons of seeds from the U. S. Dept. of Agriculture.

The Hopedale, Ill., nursery now has a large fumigating plant.

Just say you saw it in AMERICAN FRUITS.

French Stocks Can Be Shipped

Editor American Fruits:

In complement to my letter of September 24th, I have pleasure to inform you that arrangements are already applied, between us and the French railways in order to transport safely our goods to the following seaports: Le Havre, Dieppe, Honfleur, Nantes, Saint-Nazaire, Bordeaux.

No doubt that in a few days more arrangements will be done, but any one in your country who is familiar with importing French stocks will see that by the information given above, everything will go as usual from France to U. S. A.

E. TURBAT, General Secretary
French Horticultural Federation.
Orleans, France.

Is the nurseryman who bought seedling briar from Germany last year to be debarred from selling roses this autumn because they are on German stocks, asks the Horticultural Advertiser of Lowdham, England. We think our readers and the public generally must look at this matter in a fair and common-sense way, and while rigidly abstaining from doing anything which might help a country with which we are at war, must be careful not to help to ruin a fellow-countryman in their haste to boycott foreign goods.

No person or firm interested in any way in the sale of trees or shrubs, flowers, land or fruit, or any trade supplies is in a position to dictate the policy of this publication. American Fruits is the only Nursery Trade Journal of which this can be said.

LEVAVASSEUR & FILS Ussy and Orleans FRANCE HEADQUARTERS FOR Fruit and Ornamental STOCKS

Sole American Agents:
AUGUST RÖLKER & SONS
51 Barclay Street, or P. O. Box 752
NEW YORK

Large stock CLEMATIS PANICULATA,
2-year and 3-year
Also SHRUBS and HERBACEOUS PLANTS
for Fall 1914

T. R. NORMAN
PAINESVILLE, O.
(Successor to Norman & Hacker)

LOUIS LEROY'S NURSERIES COMPANY, ANGERS, FRANCE

L. LEVAVASSEUR and L. COURANT, Proprietors-Directors

Established 1795

Wholesale Growers and Exporters of
Pear, Apple, Mahaleb, Mazzard, Myrobalan and Angers Quince Stocks
Forest Trees (seedlings and transplanted), Evergreens, Ornamental Shrubs
Manetti, Multiflore and Roses
Also a full line of Ornamental Stocks

Extract from General Catalogue (Edition A. F.) gratis and free on demand:

Against 12 cents (Cost of Postage) and 25 cents—Cost of the Volume—(which sum of 25 cents will be refunded at the first Order of the value of least \$10), our General Illustrated descriptive and analytical Catalogue (Edition A. F.), 385 Pages and 135 explanatory Vignettes giving the full descriptive Nomenclature with Prices of all the Plants which we cultivate, will be sent free to any person applying for same

An Argument for Fall Planting

W. F. Schell, Wichita Nursery, Wichita, Kansas, says there are many reasons why planting should be done in the fall. Wichita is about on the dividing line between the south or fall planting zone and the north or spring planting region.

"The warm, mellow soil is always in splendid condition to start quick growth in the fall," says Mr. Schell. "Also the cool air of fall keeps the trees dormant, there being no danger of the bud starting too soon after the trees could be received and planted. The nursery stock planted in the fall not only gets the benefit of the spring rains but gets thoroughly established in its new home. Trees planted in the fall have plenty of time before severe weather to send out the little rootlets from every main root stem and branch so that the sustenance system of the tree is ready to receive and make use of every drop of moisture that finds its way into the ground. One of the chief objections against spring planting is that the trees may not become established before a summer drought hits them. Farmers also find that in the busy spring they do not have time to give the young trees proper care.

"Trees secured in the fall may also be heeled in successfully to be set out in the spring."

Texas Nurserymen

Continued from page 107

National Association Work

Program again being taken up, the subject was discussed, of "The Most Important Subjects Solved at the National Convention of Nurserymen in Cleveland, last June." Mr. Baker spoke of the pleasure of the occasion, in meeting brother nurserymen from all sections of the country, and hearing the papers by those best able to discuss their subjects. Some of the greatest benefit was to be had in visits to other nurseries. Last but not least was the idea of rest and relaxation, which nurserymen take all too little.

Mr. Munson laid stress on the efforts of the National organization to induce a reasonable and consistent nomenclature.

Mr. Kerr was impressed with the progress of the "Science of Beauty," in evidence on all sides, and he believed Texas, though doing great things along this line, could get much inspiration for greater things. He believes in the nurseryman as a lover of his business, and a public benefactor, in helping provide a greater food supply for the world. Texas should have a larger membership in the National Association.

R. C. Kerr, of Houston, spoke of the meeting of the Society of American Florists in Boston. He favored a Southern organization also.

Special Report of Committee on State Botanical Garden for Texas

Mr. Kerr outlined the purpose of such a garden, which would be to bring into prominence the hundreds of valuable plants in Texas and the Southwest, that are better than most now in cultivation, and are practically unknown. He said the natives would give a luxuriant effect not equaled by any other plants. The garden and arboretum would experiment to find out every available valuable plant for Texas from all parts of

the world, and would not be confined to natives only. The purpose of the combined committees appointed from nearly twenty state organizations is to ask a substantial appropriation from the legislature to start this work, at least \$10,000 for the first year. Although it may take several years to attain fully the object in view, the start has been made.

Incidentally, Mr. Kerr thought Texas nurserymen should recognize the need of transplanting shrubs one or more times to secure better root system.

Mr. Munson reported interest in the Botanical Garden and Arboretum from unexpected sources, and believed the accomplishment would be a matter of no distant day. He hoped that perhaps another Henry Shaw might appear, and come to our assistance.

In the absence of other members on the morning program, it was moved to go ahead with the afternoon program. A motion prevailed to express regrets to E. Pomeroy, Donna, on account of unavoidable absence.

In discussing the matter of high price of burlap, attention was called to the fact that a Texas house was offering it at about normal prices for the present time, which was good news to all.

Mr. Munson advised that a lookout be continued for other suitable packing material, in case the output of hemp in India should be curtailed by a prolongation of the war.

Mr. Baker suggested that use might be made of certain ornamental grasses, especially the *Erianthus ravennia*, for wrapping tops of trees.

J. R. Mayhew favored burlap and straw as materials for ordinary bales, but spoke of a new material now on the market, that promises to prove satisfactory.

Mr. Kerr thought boxing would prove less expensive than bales, particularly with larger bundles.

Value of a Publicity Organization in the Education of the People

The above subject was discussed by J. M. Ramsey, E. W. Kirkpatrick, and H. E. Hall, Sherman.

Mr. Ramsey spoke of need of publicity, through the press, for all worthy enterprises, which could be secured better through an organization than an individual. The people should be educated in the propagation of plants, and as their knowledge increases their interest will increase, bringing thereby more business to the nurseryman. Amateurs may be able to produce new, valuable varieties as well as the professional nurseryman.

Mr. Kirkpatrick delivered an extemporaneous address of the unsurpassed kind he alone can make on horticultural subjects. He believed such an organization should include, or reach in some manner, all horticultural organizations, the public schools, universities and churches. The nurserymen's work is in line with the first command of the Creator, and is the greatest benefaction. We must risk to prove things. People must know the desirables, what will improve or impoverish the land. This leads up to the idea of the great pecan, as the greatest producer of food and wealth that does not hurt or rob the soil. Its roots draw from the depths of the earth, and its tall branches reach far into the air.

Judge Charles L. Edwards extended an invitation to the Association to hold its annual meeting at Dallas, during the State Fair. Mr. Tackett extended a similar invitation to Fort Worth, during the Fat Stock Show.

Pecan Nuts Exhibited

At the opening of the afternoon meeting, Continued on page 112

**When You Buy Our Top Notch
BERBERIS THUNBERGII
Seedlings, you know they are
right. They are moneymakers
too. A large stock in all grades.**

C. R. BURR & CO.

Manchester, Conn.

Story of a New Orange

To L. A. Goudeau, Lake Charles, La., was awarded a Wilder silver medal for a meritorious new seedless orange, the Goudeau.

Mr. Goudeau has bought for \$90,000 the St. Clair plantation at English Turn, 19 miles below New Orleans, on the Louisiana Southern railway, which he will conduct into a big grove of his new type of seedless orange. In September he will start setting out 100,000 trees on 1000 acres of land.

The Goudeau seedless orange, though perfectly shaped, with thin, tough rind, symmetrical segments, almost coreless, very juicy and sweet—90 per cent. juice and a minimum of citric acid—is a freak of nature.

Mr. Goudeau related to the New Orleans item the manner of its discovery and development.

"In the fall of 1910 I learned that a perfect and apparently healthy orange tree in the yard of Joe Landry, on the outskirts of Lake Charles was bearing seedless oranges of a very fine quality. The tree was about 11 years old, had never missed a crop in seven years—like the high-grade 'Louisiana Sweet,' with no seed, and practically no core.

"With my limited knowledge of the citriculture, I recognized what in all these years had escaped everybody else's notice, that here was one of those rare cases of bud mutation, or change in type. This particular tree was an offspring of the 'Louisiana Sweet,' but the change in its characteristics by an accident of nature caused it to be seedless instead of seedling.

"I bought the tree, sent for trifoliata stock in Texas to make a hardy stock, and started a seedless nursery near Lake Charles.

"Scores of expert authorities throughout the citrus belt in the United States have assured me that the grafted stock will produce fruit exactly like the mother tree in Joe Landry's yard. One of these authorities is Dr. W. C. Stubbs, of New Orleans. Through grafting on the trifoliata stock the tree will be able to bear temperatures as low as 17 degrees without injury."

Real effects of the European war felt in most American businesses are slight. Imagination always plays a major part in conditions like these. And manufacturers usually pay a considerable penalty to imagination.

The established firm is not doing business for this month alone—or for the next four months. We are in business for next year and the year after. The firms who make notable successes are the ones who work their imaginations in another way. They look ahead and plan things for the future.—Flint McNaughton.

Texas Nurserymen

Continued from page 111

Judge Edwards displayed a basket of several varieties of pecans bearing on his place this year, some having clusters of from five to eight nuts. These buds were from two to four years old, top-worked on larger trees. He had samples of Delmas, Stuart, Halbert, Jerome, Oliver and Success. The pecan crop this year will be very short, and varieties bearing such a season are considered valuable.

R. C. Kerr, Houston, responded to the subject, "Coöperation of the Florists and Nurserymen of Texas." He spoke of the opportunity awaiting the florists, nurserymen and landscape architects in the beautification of parks, lawns, and estates, as our state becomes older and more wealthy.

He showed that by coöperation friendships can be established, and trade difficulties overcome or abated; protection be had against probable unjust laws, and inspiration furnished for increased love for and planting of flowers and trees. He called special attention to the State Flower Show to be held at Houston, Nov. 12, 13 and 14, and urged displays there by nurserymen.

He advocated coöperation for the successful institution of Flower Weeks, and pretty yards contests, which are gaining every year in popularity.

The subject of the publicity organization was again taken up and in the absence of Mr. Hall, his paper was read by the secretary. This was a splendid treatise on the subject, dealing with the need of educating the people as to when, where, how and what to plant, the care for trees after they are planted, and the increased property value from an aesthetic as well as financial standpoint. The healthfulness of fruit is not generally understood, and there is possibility of influence on rainfall by extensive forest plantings. A publicity organization could give accurate accounts of returns from different kinds of fruit trees in different sections, and could encourage proper planting, and caring for trees. He deplored the tendency of some to cry aloud continually about diseases and bacteria, and hamper progress before the "bridge is reached," or the trees planted.

Following a suggestion in Mr. Hall's paper, Mr. Ramsey moved that the president

appoint a committee on publicity. This was changed so as to be left to the incoming president, with the suggestion that Mr. Kerr be made chairman.

Motion by Mr. Munson carried, that a committee be appointed to call on Mr. Davis, incoming State Commissioner of Agriculture, to get acquainted with him, and assure him of hearty coöperation.

Report of auditing committee received and accepted, that books of the treasurer were found to be correct and in good shape.

Resolutions and Officers

The Committee on resolutions made the following report, which was adopted:

"Whereas, The Texas Nurserymen's Association in session at Fort Worth, Oct. 14-15, have enjoyed the hospitality and many courtesies from the citizens of Fort Worth; therefore be it

"Resolved, That we extend thanks to the Chamber of Commerce for the use of their auditorium;

"To the committee on entertainment for the drive about the city and the visit to the nurseries, greenhouses, and other Fort Worth enterprises;

"To the American National Bank for the visit to the roof of their imposing building;

"And to the press for their reports of our proceedings."

The following officers were unanimously elected for the ensuing year: President, Will B. Munson, Denison; vice-president, J. M. Ramsey, Austin; secretary-treasurer, H. I. Martin, Port Arthur.

Motion carried that President Munson be ex-officio member of committee to call on Mr. Davis.

Just say you saw it in AMERICAN FRUITS.

ARE YOU INTERESTED

In choice young ornamental Nursery Stock for transplanting lining out, or mail orders? If you are, get next to our Trade List of genuine bargains, in Oriental Planes, Nut Seedlings, Oaks, Ash, Catalpa Speciosa, Honey and Black Locust, in large quantities, besides hundreds of other varieties, both deciduous and evergreen. Peach Trees Dahlia Bulbs, etc., etc.

ATLANTIC NURSERY CO., Inc.

BERLIN, MARYLAND

WANTED—Tree Seeds of all kinds



40 ACRES sold to S. perb. Progressive, American and other best everbearers. Get acquainted offer for testing. Send us for mailing expense, and we will send you 6 high quality everbearing plants (worth \$1) and guarantee them to fruit all summer and fall, or money refunded. Catalogue with history FREE if you write today. THE GARDNER NURSERY CO. Box 101 OSAGE, IOWA

CHAS. DETRICHE, SR.

ANGERS, - FRANCE,
Grower and Exporter of

Fruit Tree Stocks, Forest Tree Seedlings, Rose Stocks, Shrubs, Vines and Conifers for Nursery Planting

Information regarding stock, terms, prices etc. may be had on application to Mr. Detriche's sole representative for the United States and Canada:

JACKSON & PERKINS CO.

Newark, New York.

Apple Trees 2 years, Buds

Apple Trees 2 years, Grafts

Cherry==Peach==Plum

Kieffer Pear

1 and 2 years

Gooseberries

Grapes, Rhubarb

Flowering Shrubs

Shade Trees

Catalpa Bungeii

Bechtel's Flowering Crab

Apple and Pear Seedlings

Forest Tree Seedlings

Catalpa Speciosa, Elm, Maple,

Honey Locust, Black Locust,

Osage

J. H. SKINNER & CO.

TOPEKA, KAN.

Nursery Conditions in Northwest

Toppenish, Wash., Oct. 12.—Washington Nursery Co.: "At the present time our business is on practically the same level as last season. Up to about August 1st we were showing a gain. Upon the outbreak of war there was a slight falling off, but the last few weeks conditions are improving, and our salesmen, particularly in the agricultural sections, are getting a very good volume of business.

"The big commercial plantings of staple fruit trees are not in evidence. There is an increased interest in ornamental plantings. Our salesmen who are specializing along this line are doing very well. In the Northwest we find a growing interest in ornamental stock, for most ranchers and home owners having spent considerable time and money in building up a profitable 'plant' are devoting more thought to beautifying home surroundings.

"We believe that the nursery business in the Northwest has struck bottom and that conditions from now on will materially improve. This will be anything but a record breaking year so far as sales are concerned. Many smaller growers, however, have dropped out. Large blocks of hold-over fruit trees have been quite cleaned up, and it is more than likely that another year will see conditions materially improved in this line.

"There were practically no large plants put in last spring, and indications are there will be less next spring. The uncertain conditions in the apple market are making our fruit growers feel a little blue, although developments of the past week or ten days indicate that prices may be better than appeared for a time.

"Take it all in all, the 'real nursery business' will, we believe, in due time be back to a good normal plane, and with the water squeezed out of the business as a whole

Just say you saw it in AMERICAN FRUITS.



When You Need
APPLE SEEDLINGS
APPLE BUDS
APPLE GRAFTS
APPLE SCIONS
APPLE TREES

Remember

JIM PARKER

The Apple Tree Specialist

TECUMSEH

OKLAHOMA

THE FRAMINGHAM NURSERIES

200 Acres Trees, Shrubs, Evergreens, Vines and Roses

Send for Price List

W. B. WHITTIER & CO.



Fine Stock of
Rhododendrons, Kalmias and
Andromedas
FRAMINGHAM, MASS.

those who continue to market their stock, through proven channels, will, we believe, find a steady outlet therefor."

Coming Season's Trade Normal

Dundee, Ill.—D. Hill, president D. Hill Nursery Co.: "It is our opinion that trade will be normal the coming season. Our business is mostly wholesale and fall sales are well up to last year's, which shows that nurserymen, florists and seedmen have confidence in the situation, notwithstanding the war in Europe."

Fall Drought Affected Plantings

New Haven, Conn., October 9.—Ernest F. Coe, president Elm City Nursery Co.: "Fall sales so far are not quite up to last season's. However, we believe that after our fall shipments are completed they will not fall very far short of last season's. The entire East is now experiencing the most severe fall drought recorded since the establishing of the weather bureau some 40 years ago. While vegetation is not seriously suffering, the ground is so dry that few can do the plantings they may have anticipated. This feature in itself will have an influence on fall sales.

"The present condition of the money market especially in the East is bound to be felt. Our landscape department has all the work it can attend to, which indicates that those who have available money are ready as ever to spend it freely. If the money market loosens up by another spring there is every reason to believe that what we may lose in the way of fall sales will be made up in the spring."

Cherry Shortage Looked For

Vincennes, Ind.—H. M. Simpson & Sons: "The outlook for fall business is very good. We have a fair supply of 1 and 2 year cherry and our orders are very satisfactory. From what we can learn of the cherry market, there is likely to be a shortage next spring.

"The past season has been very dry, but in spite of that fact our nursery stock has made a most excellent growth."

Fine Stand of Ornamentals

North Abington, Mass.—The Bay State Nurseries: "It is difficult at this time to determine what the prospects will be for next season's trade. The indications are that this Fall's sales will be rather light; but we look forward to a good business next year, provided the European war ends, and our country is adjusted to the new conditions.

"Nursery stock has made an excellent growth this season, and we never had a finer stand of ornamental trees, shrubs, etc., than we have now. We are optimistic as to the future, and like our worthy President, we are exercising 'watchful waiting.'"

No European Effect in Northwest

Lake City, Minn., Oct. 10.—R. D. Underwood, Secy., The Jewell Nursery Co.: "Our business this fall has been in some respects better than one year ago. The general crop conditions throughout the Northern Prairie states has been very good, and this always makes a good trade for the nurserymen.

"Our wholesale trade indicates that this section has been worked by the retail salesmen this summer harder than ever before, especially the Dakotas and Montana. As far as we have been able to discover yet, there is no money scarcity, and the general effect of the European conditions has not put in an appearance."

Peony and Mallow Orders Heavy

Sarcxie, Mo., Oct. 9.—C. M. Wild, Wild Bros. Nursery Co.: "It is a little early for us to tell much about general nursery lines. The peony sales have exceeded last fall's sales to this date and the stock has been good with strong, plump eyes. The early trade orders for Mallow Marvels have been considerably in excess of last season. The retail orders for a general line for future shipment also show some advance in number. We are making preparations for larger sales than last year."

James Madison, manager of the California Raisin Company, announces that the August shipments by rail and water show an increase of 65 per cent over the same month in last year. According to the figures just compiled 8900 cars were shipped from the Fresno section of the state during August, against 5500 cars for August, 1913.

Just say you saw it in AMERICAN FRUITS.

Peach Seed Strawberry Plants

We offer nice lot of new crop Natural Peach Seed. Write for prices

Strawberry Plants by the million. California and Amoor Privet by the hundred thousand

CHATTANOOGA NURSERIES, Chattanooga, Tenn.

WICK HATHAWAY

Dept. 5 MADISON, OHIO

Offers the trade for fall, 1914, ELDORADO Blower, Mercereau and other Blackberry and Dewberry R. C. Plants.

St. Regis, Herbert, Eaton, Perfection, Loudon, Miller Marlboro and Cuthbert (Reds) Golden Queen (Yellow) Raspberry. Also have acreage of each in Royal Purple, Shaffer's Colossal, Haymaker and Columbian (Purple), Cumberland, Gregg and other Black Cap for tip plants. Also about 30,000 transplants in variety. Strawberry Plants in leading variety. Write your wants and

TRY HATHAWAY FIRST

SCARFF'S NURSERY

Headquarters for
Small Fruit Plants

1200 Acres
"At It 25 Years"

Strawberries Currants Rhubarb
Raspberries Gooseberries Asparagus
Blackberries Grape Vines Horseradish
Dewberries Privet Hardwood Cuttings

100,000 transplanted raspberry, blackberry and dewberry plants for retail trade. See wholesale list before placing your order.

W. N. SCARFF, New Carlisle, O.



Planning to Grow Items Usually Grown Abroad

D. W. BABCOCK, Manager, Atlantic Nursery Co., Berlin, Md.

"We are having a beautiful fall here. No frost at all yet; everything growing. Has been quite dry, but to-day we have had a steady rain. Nursery work is well up and we are simply waiting for frost to 'loosen up' the leaves so we can begin digging. There seems to be a splendid demand for young stock for lining out and we have been planning to meet the demand by giving our plants extra care and attention. We are planning to grow several items usually grown abroad the coming year, including Manetti and Multiflora rose stocks, Angers Quince, Candidum lillies, Spanish iris, Dammanni tulips, Paper White narcissus, etc. The only trouble I see is that the rose stocks may grow too large, as we have 1 year Multiflora with five to seven canes two to five feet long, and Dorothy Perkins one year with canes twelve feet long. Oriental planes 2 year, 8 to 15 feet high and one-inch caliper.

"I notice, too, the trend of our inquiries is for deciduous and evergreen stocks of a suitable size for grafting, showing conclusively that our up-to-date nurserymen are 'up to snuff' in producing the stock that formerly came from abroad. This is well. What if the whole world (outside of America) goes to war; we should be able and willing to produce everything our people need. This is no time for 'glum gloomers' in the nursery business. We want optimism and a faith that will not shrink from any condition. We want to grow better stock and probably not so much of it. Watch conditions closely and keep everlastingly on the job. With crests erect we should say with Hamlet: "Come, my spade. There is no ancient gentleman but gardeners, ditchers and grave makers. They hold up Adam's profession."

To Fight Citrus Canker

The Gulf Coast Horticultural Society has appropriated \$800 to fight the citrus canker and has adopted resolutions: "That the state board of horticulture be requested to employ, and keep in southwest Alabama, an inspector who is an expert in the disease of citrus trees, for the purpose of caring for the citrus orchards and nurseries, and inspecting the citrus trees and stocks in the nurseries and orchards in Alabama:

"That the state board of horticulture be

requested to require that all citrus stock shipped into the state of Alabama shall be subject to as rigid an inspection as is given by the expert employed by the state to the stock located in Alabama orchards and nurseries."

Holland Business as Usual

Editor American Fruits:

We are doing business as usual. In the north part of Holland where we have our nurseries we do not find any trouble because of the war. We have plenty of work people in our country and do not think that we shall have any trouble this fall with the selection of our seedlings.



A. J. HERWIG, Veendam. Holland
Woldering & Herwig

We have contracted with the Holland-America line for the same cheap freight prices as in the years before the war; so we shall not have any trouble with the shipments of our plants.

We have a splendid stock in all kinds of fruit tree stocks and the American nurserymen may be sure that we can execute all orders we accept. Many of your nurserymen wrote us about this matter.

WOLDERING & HERWIG,

Veendam, Holland, Sept. 22, 1914.

Harrowing Tale From the West

J. S. Armstrong, a prominent nurseryman of Ontario, California, was recently in Los Angeles. He met Charles Chambers, an old friend, in a lobby of one of the hotels and during the course of conversation many by-gone matters were discussed.

"Armstrong," said Charles, "what has become of that car line that chased through your town?"

"It is a sad story," said Armstrong, as he applied a handkerchief to a pair of damp eyes.

"If it's too painful," said Charley, "don't tell it."

"No, it's not that Charley, but I was stung."

"Stung," said Charley.

"Yes," said Armstrong, "it was this way. That car was drawn by two mules—white ones, with large, intelligent azure eyes, and such heels!"

"Those intelligent creatures you remember, dragged that car uphill and rode downhill on the car."

"I remember," said Charles, visibly affected at the remembrance of such intelligence.

"Well sir, when the carline was bought out the driver was presented with the mules, besides all the perquisites for long and faithful service."

"He sold me those mules and I purchased a nice large harrow to harrow my upland farm and branch nursery."

"Blame me if those mules did not harrow all right going uphill but when we were coming down hill they insisted on riding upon that harrow."

"I argued and argued with those mules trying to convince them that the harrow and the streef car were entirely two different propositions, but it was not until I put a railing around the top of the harrow so they could not mount it, that I convinced those obstinate mules that the harrow was not the old Ontario street car."

At a little round table in the cafe during the next hour and a half Armstrong explained with a diagram just how the railing was attached to the harrow and sketched the expression on the face of the more intelligent of the two mules when they found they were up against it. Charley has the drawings in his desk in Fresno.

The Chase Labels

For Nurserymen and Florists are Excelled by None

PLAIN, PAINTED, WIRED with TINNED or COPPER WIRE and

PRINTED IN ANY MANNER

That may be called for

Prices as low as FIRST-CLASS WORK and unequalled PROMPTNESS in DELIVERY will justify.

Please favor us with a trial order if you are not one of our present patrons.

THE BENJAMIN CHASE CO.,

DERRY, NEW HAMPSHIRE

P. O. Address and Western Union Tel.—Derry Village

The Farmers Nursery Company

TROY, OHIO

OFFER TO THE TRADE

APPLE, both buds and grafts, PEAR, CHERRY, PLUM and PEACH.

PEONIAS, PHLOX and IRIS named varieties. A general assortment of HARDY PERENNIALS, ORNAMENTAL TREES and SHRUBBERY of all kinds.

DO NOT FORGET we have another lot of POTTED EVERGREENS to offer.

GIVE us a chance to quote on your want list

French Stock May Come Through Bordeaux

Concerning conditions in France with respect to nursery stock, Irving Rouse, Rochester, N. Y., one of the largest importers of French seedlings, said early last month: "The situation is just this: There is the usual amount of stock in France; it has been somewhat affected by the dry weather and the fact that owing to the war and lack of labor the irrigating methods usually employed have been neglected. The stock generally has not suffered greatly by reason of the war, but the problem is whether there will be any way to get it out of the country. The railroad to the north has been repeatedly torn up, both by the French and the Germans for strategic purposes, and though it has been repaired to some extent, the time required to get from Paris to Havre is two days, while the trip is ordinarily made in five hours. There is a way to get freight from the nurseries to the coast; that is to the south, towards Bordeaux, and it may be that shipments will be attempted that way. At present there is steamship connection with France once in two weeks, and ships that sail from this country may or may not get to destination. I am in communication with French nurserymen. They are anxious to make shipments but do not know just how it is to be done. There is special desire on their part to do business with America because other outlets have been closed."

Fruit Color and Quality

(Continued from Page 102)

ly increased by judicious thinning, an orchard operation so generally used that it needs no further discussion here.

The comparative value of color and quality in fruits is a subject of never-ending discussion. We can all agree that both are necessary in first-class market fruits, but often a choice must be made between the two. Which then? To my mind there should be no question about the supremacy of quality over color, but consumers discriminate in favor of bright colors. Thus, red apples are preferred to yellow, green and russet varieties—the latter, side by side with red sorts no better in quality, go begging for buyers. Fruit is bought to eat. What a paradox to buy that which is hardly fit to eat because it is brilliantly colored. This unjust discrimination comes about because red is more attractive to the eye of most

people and because of a very general misconception that color is correlated with quality. Red apples have thus become the fashion with consumers, and must, therefore, be produced by growers. Are brilliantly colored apples of better quality than those of subdued hues?

Brilliant and Sombre Hues.

Some say that high quality goes with high color—that is, with bright reds, crimsons, or scarlets or in patterns striped with these colors; others say "handsome but poor," indicating a belief in a correlation of high quality and low color. But a consideration of varieties shows at once that there are no correlations between color and quality. The hungry man who knows apples will say grace with just as muchunction over a green Newtown, a Golden Russet or a Grimes Golden as over a red Jonathan, a Spitzenburg or a McIntosh. Coming to individuals in a variety, it is found that apples grown in sod are brilliantly colored; those grown under tillage are of more sombre hues. Nine out of ten people will choose the highly colored sod-grown fruit as the best flavored, but it needs only a taste to convince to the contrary. The tilled fruit is crisper, juicier, and richer. On the other hand, poorly colored apples in the center of a tree are often less well flavored than the brighter fruits exposed to the sun. There are many just such seeming correlations between color and quality, but a careful study of all shows that there are no real relations between color and quality.

Just now the fashion is for red apples. But fashions in colors of fruits change as fashions in colors of clothes, or hats, or ties change. At one time russet apples were in great demand—not so now. In some markets Green Newtowns or Yellow Bellflowers or Rhode Island Greenings are still preferred. The present tendency to plant nothing but red apples is bound to make them less the fashion in time and to give greater demand for green, yellow and russet fruits. That color is quite unrelated to permanent value is proved by these changes and variations in fashion.

The point I am seeking to make is, that we are following a prejudice in rating one color above another regardless of quality. This prejudice is detrimental to fruit growing and fruit growers should seek to overcome it by calling attention to the good

qualities of fruits regardless of color. "Plumage proclaims the fowl," but color does not proclaim the fruit.

The Oklahoma Nurserymen's Association has elected: President, P. W. Vought, Holdenville, Okla.; secretary, Jim Parker, Tecumseh, Okla.

The state entomologist of Illinois, referring to the inspection of nursery stock, notified the trade, under date of September 25, "that Ohio is no longer on the list of states whose certificates are approved by the state entomologist of Illinois as equivalent to his own, and consequently you may not substitute your own certificate for the Ohio certificate."

F. M. Witbeck, Benton Harbor, Mich., formerly a salesman for a Rochester, N. Y., nursery, has accepted the agency for the Monroe Nurseries of L. E. Ilgenfritz' Sons Co., Monroe, Mich. In doing so he makes announcement in a column and a half in his town newspaper. He believes in publicity.

Just say you saw it in AMERICAN FRUITS.

WE ARE
Largest Growers
in America
OF
Grape Vines
Other Specialties:
Gooseberries, Currants
and other
Small Fruits

Introducer of the 3 Standard Fruits

Campbell's Early The Best Grape
Josselyn - - The Best Gooseberry
Fay - - - The Best Currant

Our supply of above varieties is always less than the demands upon us before shipping seasons close

High grade stock, grown and graded to our own standard, which we originated and adopted many years ago. We shall be pleased to supply your wants.

The JOSSELYN NURSERY CO.
FREDONI, N. Y.

FRUIT TREE STOCKS

Apple, Pear, Myrobalan Mazzard Mahaleb, seedlings and transplanted

Quince and Manetti Cuttings

First Quality

DOORNBOSCH & ZOON

No Agents

Best Packing and Grading

VEENDAM, HOLLAND

Telegrams: Cultura

"AMERICAN FRUITS" YEAR BOOK AND DIRECTORY OF NURSERYMEN

Published by
American Fruits Pub. Co., Inc.
Ellwanger & Barry Building
ROCHESTER, N. Y.

ORIGINAL AND ONLY EXCLUSIVE
NURSERY DIRECTORY PUBLISHED

ADVERTISING RATES:
Page, 2 1-2x6 inches - - \$12.00
Half Page, 2 1 2x3 inches - - 6.00
Quarter Page, 2 1-2x3 inches - - 3.00

1915 Edition Out Next Month

SEND ADVERTISING COPY NOW

Growers to Plan By-Products Sale

WASHINGTON, Oregon, Idaho and Montana at the end of December a year ago had 505,000 acres planted to apples and approximately 100,000 acres in other fruits, a total of 605,000 acres, according to statistics compiled by the by-products committee of the Sixth National Apple Show. Allowing that half this area is non-commercial for various reasons, and making a further allowance of only half a carload per acre, instead of a full carload, the committee estimates 150,000 cars will be the annual production of these four states when all this acreage comes into bearing.

As an argument for the establishment of by-products, the committee states further in its report that the apple shipping season can furnish refrigerator car service for approximately 30,000 cars of fruit. The common and cold storage capacity of the four states, with a proper allowance for storage in the East, is about 20,000 cars. This leaves, in heavy seasons, at least 100,000 cars to be sold immediately after being picked, or to be sent tramping broadcast about the country or to be cared for in by-products plants in the Northwest territory.

After reviewing specifically the markets for by-products, the operations of existing plants in other sections, and the general prospects in the Northwest, the committee reports as follows:

"The committee has a number of warnings to throw out against stock-jobbing plants, the ignorant processor, incapable management, the wrong type of machinery and processing, the planning of the establishing of by-products institutions unsuited and unfitted to the territory where they are established, and the duplication of plants. These things can best be met through the recommendations which the committee now

State Horticultural Societies

ALABAMA—J. C. C. Price, Auburn.
ARKANSAS—E. N. Hopkins, Fort Smith.
CONNECTICUT—H. C. Miles, Milford.
FLORIDA—O. C. Painter, Box 178, Jacksonville.
GEORGIA—T. H. McIntosh, Athens.
IDAHO—Charles Payne, Roswell.
ILLINOIS—A. M. Augustine, Normal.
INDIANA—Walter Vonnegut, Indianapolis.
IOWA—Wesley Greene, Des Moines.
KANSAS—J. L. Pelham, Topeka.
KENTUCKY—W. R. Button, Bedford.
MAINE—W. H. Conant, Buckfield.
MARYLAND—E. P. Cahill, Hancock.
MASSACHUSETTS—Horticultural Society—William P. Rich, Boston.
MISSISSIPPI—Fruit Growers' Association—F. Howard Brown, Marlboro.
MICHIGAN—Robert A. Smythe, Benton Harbor.
MINNESOTA—A. W. Latham, Minneapolis.
MISSOURI—Dr. Paul Evans, Mountain Grove.
MONTANA—M. L. Dean, Missoula.
NEBRASKA—J. R. Dunham, Lincoln.
NEW JERSEY—Howard G. Taylor, Riverton.
NEW YORK—State E. C. Gillett, Penn Yan.
WESTERN NEW YORK: John Hall, Rochester.
NORTH CAROLINA—Prof. W. N. Hutt, Raleigh.
NORTH DAKOTA—C. A. Clunberg, Hankinson.
OHIO—F. H. Ballen, Newark.
OREGON—Frank W. Power, Oregeno.
PENNSYLVANIA—J. A. Runk, Huntingdon.
SOUTH DAKOTA—Prof. N. E. Hansen, Brookings.
TENNESSEE—L. G. Briggs, Knoxville.
TEXAS—G. H. Blockman, College Station.
UTAH—W. H. Hoyer, Pleasant Grove.
VERMONT—M. P. Cummings, Burlington.
VIRGINIA—Walter Whately, Crozet.
WASHINGTON—M. Horn, Wenatchee.
WEST VIRGINIA—L. E. Sutton, Morgantown.
WISCONSIN—F. Craneheld, Madison.
WYOMING—Prof. Aven Nelson, Laramie.

proposes to make to the growers' congress at the Seventh National Apple Show. The committee is unanimous in its conclusions that a central by-products organization is necessary to the salvation of our fruit and vegetable industry.

"Therefore the committee unanimously recommends that a conference be called at Spokane, November 14, at 10 a. m., for the purpose of forming a central by-products organization."

Horticulturists at Fort Worth

The ways and means committee of the Texas State Horticultural Society, and its advisory committee, met in Fort Worth October 14, following the adjournment of the afternoon session of the Texas Nurserymen's association.

The ways and means committee is composed of: Will B. Munson, chairman; J. M. Ramsey, Austin, past president; M. Falkner, Waco, past president; J. H. Arbenz, Sarita, president, ex-officio; G. H. Blackman, College Station secretary, ex-officio.

The members of the advisory committee are: R. C. Kerr, Houston, representing Texas Florists' association; J. S. Kerr, Sherman, representing Texas Nurserymen's association; Fritz Englehard, Eagle Lake, representing Truck Growers' Association; Eltweed Pomeroy, Donna, representing Rio Grande Valley Horticultural Society; J. C. Beyer, San Benito, representing South Texas Gardeners' Association; E. S. Stockwell, Alvin, representing Orange Growers' Association, and S. Aral, Alvin, representing Citrus Growers' Association.

Just say you saw it in AMERICAN FRUITS.

War Causes Apple Demand

Dried apples of the kind that used to hang from the rafters in the firelight are about to swell the volume of export trade, says the New York World. Buyers from Norway and Sweden have arrived in the city and are making contracts for speedy delivery of choice dried apples.

This demand is caused by the war. Heretofore the Scandinavians have depended largely on Russia for the dried apples. The fruit is taken in large quantities into the interior of both Norway and Sweden.

The agents came in contact here with many dealers in evaporated apples, but they passed by that steamed and delicately tinted fruit. It was not the kind, that was all, and contracts are being made on the basis that the apples shall be air dried and of the homely quality which are familiar to farmer boys.

They must be apples in quarters or eighths, of a rich and golden brown, such as may be converted into apple butter or perchance into a delectable apple sauce. Apples with something of a tart flavor are preferred, and the children of the North insist that they shall retain the real flavor of the fruit.

During the year ended Sept. 30 there were brought into Imperial county, Cal., 179,457 ornamental trees. In the same period there were inspected and passed into the county, 14,244 boxes oranges, 4889 boxes lemons, 705 boxes grapefruit, 17,532 boxes apples, 32,059 sacks potatoes, 454 almond trees, 519 apple trees, 6,859 apricot trees, 283 fig trees, 152 lemon trees, 1,284 orange trees, 8,892 olive trees, 2535 peach trees, 2,869 pear trees, 294 plum trees, 125 prune trees, 5,156 grapefruit trees, 3,485 grape vines.

Just say you saw it in AMERICAN FRUITS.

N. C. Peach Seed

We have on hand a few hundred bushels of old seed, ready for immediate shipment

Sample and prices on request

J. VAN LINDLEY NURSERY CO.
POMONA, N. C.

Grape Vines

If you are in the market for fancy stock I have it

Concord, Moore's Early and Niagara in large quantities

Fairfield Nurseries
(CHAS. M. PETERS)
SALISBURY, MD.

Mr. Nurseryman: You should try the
SIMPLEX TREE BAILER

Now used in 27 States. Fruit and shade trees ornamental shrubs. One acre of peonies: Receipts from cut flowers alone, \$1,050, besides \$200 for plants in last three years.

L. F. DITTMANN

Kellville, Ill.

FOR GOOD

Viburnum Plicatum

Berberis Thunbergii

WRITE

The Conard & Jones Co.

West Grove, Pa.

Ready for Fall 1914 and Spring 1915

In Leading Standard Varieties

Peach	Apple	Pear	Quince	1 yr. and 2 yr. Currants
Blackberries from Root Cuttings				
Red and Black Raspberries				
1 yr.—2 yr. Rhubarb, 1 yr.—2 yr. Grapes, 6-8 in. and 8-10 in. Carolina Poplars				
Large Specimen Shrubs, Evergreens, Shade Trees, Roses, Vines				

A complete line grown to please particular people

Pennsylvania Nursery Co.

Girard, Erie County, Pa.

Half Mile Apple Trains In the West

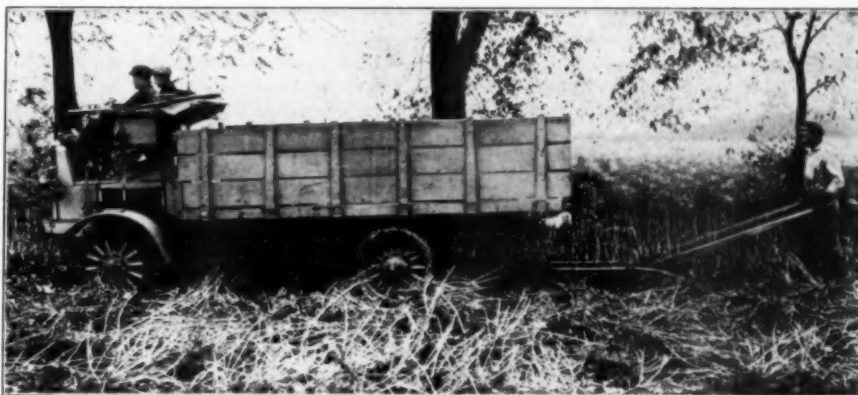
Shipments of the North Pacific Fruit Distributors passed the 2500-car mark on Oct. 11. Of the total, approximately 1000 were straight cars of apples. This is significant in view of the fact that last year total apple shipments for the season aggregated only 2655 cars. It was estimated on October 11 that the distributors had 5500 to 6000 cars of apples yet to ship this season.

Sixty-six refrigerator cars, measuring 2772 feet or more than half a mile in length, constituted the apple trains passing through Spokane, Wash., on the Great Northern railroad last month.

"From Wenatchee and Yakima districts come the bulk of Washington's apple shipments," says the Spokesman Review. "From the former the Great Northern is hauling a regular train of 60 to 70 refrigerator cars daily with an extra train when needed, and from Yakima the Northern Pacific is bringing 60 cars every day, running trains in two sections. The Milwaukee line is carrying apples through this city from the Hanford districts, and the O-W. R. & N. delivers from southern Washington and Oregon. Little of this latter traffic comes through Spokane, but everywhere it is on the move at this time of the year. It means a lot to railroad men. Train crews are all busy now.

"Eight days to Chicago and 12 days to New York is the approximate time on a car of apples from this state. The Great North-

LABOR-SAVING APPARATUS IN THE NURSERY



Automobile Truck at Woodlawn Nurseries of Allen L. Wood, Rochester, N. Y., attached to tree digger, digging currants. A marked success in such work and a great labor and time saver.

ern makes a run of 150 hours from Wenatchee to St. Paul for apples and 130 hours on peaches, a distance of 1600 miles. Fruit has the freight right of way on all roads.

"Care of the fruit en route is scientifically arranged for. Conductors on fruit trains carry thermometers and especial regulations. Temperature exceeding 34 degrees above zero inside cars calls for ice in the car refrigerators. When there is danger of fruit freezing the cars are equipped with oil heaters in compartments that can be reached from the outside. Cars of fruit not supplied with heaters must be run into a roundhouse at 10 above zero. Cars with heaters are similarly protected at 15 below. These precautions are necessary for Rocky mountain, Dakota and Minnesota transit."

high, there is an apparent tendency to make concessions on them.

"We believe the nursery business will be the least affected because of the war of any business in the United States and prospects for the future are bright."

Spring Sales Above Average

Charles City, Ia.—E. M. Sherman, Sherman Nursery Co.: "Sales for delivery in the fall of 1914 have not been as good as for several years past. However, sales for spring 1915 delivery are a little above the average for this date."

Thirty million dollars was the value of California's grape crop for 1913.

QUALITY PLANTS

to the dealer, guaranteed true to name and to reach you in good condition

STRAWBERRY PLANTS

are the nationally known and used "BAUER" quality—no better grown. Fall bearing varieties that bear all summer—free from weeds—plants are healthy and big producers. Only proven varieties sold.

Free Catalogue for Nurserymen and Market Gardeners
Bauer Bros "A" Judsonia, Ark.
Wholesale Growers. Established 1880
Write Us for Prices on Good Plants

HENRY LAKE SONS CO.

Wholesale Growers of High Class Shrubs

Black River Falls, Wisconsin
Our Specialty is Native Shrubs and Shrub Seeds.

Nursery Business Least Affected by War

Girard, Pa.—J. M. George, general manager Pennsylvania Nursery Co.: "Our sales for the season just closing are ahead of any previous fall sales, and prospects for spring trade are excellent in some localities.

"While the country is in its present condition it will be very difficult to maintain business on a normal level with the usual increase. Because of the general curtailment throughout the South the indications are that there will be no shortages in any lines. While prices on cherries are quite

Just say you saw it in AMERICAN FRUITS.

The Commercial Nursery Company

Winchester, Tenn.

OFFER

PEACH and APPLE

In all leading varieties

(Heavy on Peach)

And a FINE LOT OF PLUM

Are prepared to fill orders in carload lots
Write Us

WOLDERING & HERWIG

VEENDAM, HOLLAND

The Largest

Holland Fruit Tree Stocks

NURSERIES

We have a fine stock: APPLE, PEAR, PLUM and CHERRY SEEDLINGS, QUINCE, DOG BRIAR, MANETTI, etc. Also RASPBERRY CANES and CURRANTS

Ask for our Monthly Reports

"It is with a good deal of pleasure I note the formation of and the interest taken in state and sectional organizations of nurserymen; may the work continue until every state has a live organization. Let us remember that this Association is the National one, and unless we work in harmony many of our efforts will be love's labor lost. When two organizations of nurserymen ask for or work for different things, they get nothing or worse."—Ex-President J. H. Dayton, American Association of Nurserymen.

Fertilizer In Place of Potash

The United States, like all of the other civilized nations of the world, is feeling the force of the unfortunate situation arising from the general European war.

One of the most important industries affected by the war is the manufacture of fertilizers, for the chief potash supplies of the entire world are drawn from the German mines. But Director J. G. Lipman of New Jersey says: "Where potash fertilizers have been used for a number of years, there is a possibility of producing maximum crops for at least one or two seasons without the addition of soluble potash fertilizers. . . . Everything considered, no alarm need be felt by the American farmers as to any possible potash famine and the falling off of crop yields because of the temporary discontinuance of potash shipments from Germany. Meanwhile, it would be well for American farmers, especially those who use large quantities of potash in mixed fertilizers, to reduce the proportion of this ingredient, or to utilize in so far as may be possible lime and green manures so as to eliminate temporarily the need for potash fertilizers."

H. J. Wheeler, manager of the Agricultural Service Bureau, Boston, Mass., says: "It should be remembered that the fertilizer manufacturer, in the process of rendering raw phosphates soluble and immediately available to plants, is producing sulfate of lime as a by-product admixture, a compound which also possesses the well recognized power of liberating potash from more or less inert potash compounds of the soil, which the plant could otherwise not so fully appropriate. Hence, the use of increased quantities of fertilizer containing high percentages of soluble and available phosphoric acid will lessen temporarily the need of potash."

The scions of the fig sycamore, two cuttings of which were sent to Santa Barbara, Cal., last spring by Peter Bisset, of the U. S. Dept. of Agriculture, are growing finely at the Goleta nursery. It is believed they will thrive in that climate and become a big producer of figs. The fig sycamore is a sturdy tree and bears for 100 to 150 years.



PEONIES

Prepare now for the increasing demand. Our Peonies are in excellent condition and we have a good assortment. Write for list now.

Mallow Marvels. Choice stock. Ask for prices if interested in these.

Wild Bros. Nursery Co.
Box 530 Sarcosis Mo

FOR FALL OF 1914

We offer more than our usual supply of One and Two Year Apple Trees. We still have a large lot of Scions to offer. Write for prices. **JOHN A. CANNEDY NURSERY & ORCHARD CO.,** Carrollton, Ill.

Just say you saw it in **AMERICAN FRUITS.**

NORTHERN GROWN NURSERY STOCK

WE GROW A GENERAL ASSORTMENT OF

Trees, Shrubs, Vines, Roses and Herbaceous Perennials, Etc.

Prices Reasonable. Send for Wholesale Trade List

THE BAY STATE NURSERIES, North Abington, Mass.

Encouraging Conditions in Texas

Sherman, Texas.—John S. Kerr, Texas Nursery Co.: "The war in Europe is producing more or less stagnation in business, but times are improving, and it is believed that nurserymen will get out in good shape, and we expect reasonably good collections."

"Nursery stock has made a good growth, we have had a fairly good season throughout. We are having a beautiful fall, cool, pleasant and dry, causing stock to mature rapidly."

"There is a good supply of apple, pear, peach, plum, and in fact, a good general line of stock. The wholesale trade is opening up very slowly, but there is much hope for improvement in trade through the winter and spring."

Southern Farmers Diversifying.

McClenny, Fla., Oct. 20.—C. M. Griffing, Griffing Brothers Co.: "Relative to prospects for fall and next season trade, would say that owing to depressed conditions throughout the South, especially in the cotton districts there has been a considerable falling off in the placing of definite orders for trees; but we have never known of a better interest or more active inquiry than we are having from the class of people who plant medium size orders. We believe that the South as a whole is awakening up to the fact that the one crop farm is a mistake and that the better class of farmers are looking for suitable crops for diversification."

"As nuts and fruits offer the very best source for diversification, we believe that during the fall and winter there will be an almost unprecedented demand for trees for planting on the farm."

"In Florida the demand for citrus trees is especially active. The supply will probably fall short of the demand."

"In mulberries, Japan persimmons, figs, and muscadine grapes, which we grow largely for the wholesale trade, we will probably have some surplus, owing to many dealers and nurserymen discontinuing their canvass at the outbreak of the war and the drop in prices for cotton."

"As a whole trade conditions with us are very favorable."

Fine Stock in Middle West

Wichita, Kan.—W. F. Schell, Wichita Nurseries: "The past season has been exceptionally conducive to the production of Class A, Number 1 nursery stock. In my opinion we will have finer trees and more of them to offer our patrons this season than at any time during our whole history."

"I am not speaking for my own business, but of conditions prevailing in the nursery business all over the Middle West, particularly in Kansas and Oklahoma. We had plenty of moisture during the past summer. Our own acreage of young trees is in splendid condition—a fine stand and big root growth in fruit trees, shade trees, forest trees, ornamental shrubbery, landscape or lawn decoration stock."

If it relates to Horticulture it is in "American Fruits."

Packing Weather Unfavorable

Geneva, N. Y.—W. & T. Smith Co.: "The shipping has only just started and it is too early for us to tell definitely whether or not the amount of sales will equal other years. Certainly, under the existing financial conditions in the country, we could hardly expect a normal trade."

"Weather conditions have been very unfavorable thus far as we are having hot dry weather and digging is very hard and slow."

"Orders on our books at this time are rather ahead of previous years."

October 8, 1914.

Prof. Berger, Florida entomologist, believes there will be no further spreading of the citrus canker disease. On August 11, he cancelled all nursery permits south of Little River. The quarantine was raised in the last week of September and many have again resumed business and are now selling and shipping after thorough inspection. However, before the disease had been controlled, California issued a quarantine against Florida citrus fruit and also citrus trees. The quarantine was established March 13, last.

Considerable interest is being manifested, not only in Florida, but in every citrus fruit growing section of the country, regarding the new variety of Lue Gim Gong orange. This new orange was propagated by Lue Gim Gong in 1886 and it is said to be pollinated from Hart's Late with pollen from what was believed to be the Mediterranean Sweet orange tree.

The Packer's estimate for oranges in southern California for the coming year, ending October 31, 1915, is 37,700 cars, or about 1,700 cars less than the 1913-14 season, and 3,000 cars less than the 1911-12 season. The estimate for the northern section of the state is 5690 cars; for the central section, 450 cars.

Federal crop report for October 1 showed forecast: Apples, New York state, 45,000,000 bushels; United States, 230,000,000 bushels. The final forecast for 1913 was: New York, 19,500,000; United States, 145,000,000.

One hundred and ninety-seven nurseries, embracing 619 acres of nursery stock, are licensed in Wisconsin.

E. P. BERNARDIN

Parsons Wholesale Nurseries

PARSONS, KANSAS

Established 1870

Early Harvest B. B. Fair supply of extra good plants.

Plum, Peach, Apricot. Extra fine and in large supply. Special on car lots.

Soft Maple, Sycamore, White Ash and Carolina Poplar in all sizes up to 3 in. Special on car lots.

Large stock of Roses, Shrubs, Evergreens and Ornamentals of all kinds

General lists solicited

AMERICAN AGENT WANTED

A large Horticultural Establishment in France desires a capable agent who can sell its products. Address A. C., care "American Fruits", Rochester, N. Y.

Just say you saw it in **AMERICAN FRUITS.**

Louisiana Nurseries Very Busy

Pronounced interest in the planting of citrus fruits is indicated from the heavy advance orders from the Naomi Nurseries of Plaquemines parish, Louisiana, 20 miles down the Mississippi lower coast. This local enterprise has a large and well developed nursery stock of oranges, grape-fruit, camphor, lemon and other trees and numerous orders have been received from south and central Louisiana land owners who desire to engage in oranges, either for commercial purposes or for their own use. M. M. Jones, vice president of the company, said: "Greater interest is being shown in citrus fruits this year than I have ever known. Planters are beginning to experiment in them on a commercial scale and the people of New Orleans are becoming convinced that the orange is a big commercial asset for this city and district. We have some obstacles to overcome here in growing the fruit, but the advantages of the climate and soil here are so incomparably stronger than California and Florida that the public has realized them and is beginning to take advantage of them. This is a natural orange section and will be the biggest district in the country, if the people can be induced to plant the trees and treat the industry scientifically."

A Good Fall Season

West Grove, Pa., Oct. 9.—Conard & Jones Co.: "Thus far we are experiencing a good Fall season, and anticipate an equally good Spring."

36th YEAR

PAN HANDLE NURSERIES

SPRING OF 1915

We offer a Complete Line of Nursery Stock Consisting of

Apple, Pear, Plum, Cherry, Peach,
Grape, Currant, Gooseberry,
Small Fruits, Maple Norway,
Maple Schwedlerii, Maple Silver,
Poplar Carolina, Poplar Volga,
Elm American, Sycamore Oriental,
Sycamore American, Mountain Ash,
Box Alder, Althea, Hydrangea,
Barberries, Syringas, Weigelias,
Clematis, Honey Suckle, Wistaria,
Ampelopsis, Roses, Evergreens,
California Privet, Buxus, Weeping Trees,
Catalpa Speciosa Seedlings,
Black Locust Seedlings, Fruit Tree Stocks,
Catalpa Speciosa Seed

Our stock is well grown and graded and prices are such that it will pay you to investigate. Come and see us or write.

J. K. HENBY & SON
Greenfield, Ind.

Just say you saw it in AMERICAN FRUITS.

Personal

George T. Mixley is the new proprietor of the Phoenix Nursery Co., Delavan, Wis. He will cultivate 30 acres.

For more than thirty years the Wichita, Kan. Nursery has been in business and its proprietor, W. F. Schell, is said to be the pioneer in that section. Mr. Schell has acted in the official capacity in connection with both state and United States pomological conventions and expositions and also enjoys the distinction of having developed the Kenworthy peach.

H. L. Felter, Wabash, Ia., has sold his nursery to Frank Godfrey. Price paid: \$140 per acre.

V. L. Brown, of the Lake Garfield Nurseries, Bartow, Fla., is jubilant over the condition of business. He cultivates 1500 acres.

J. H. H. Boyd has resigned the presidency of the Forest Nursery and Seed Company, McMinnville, Tenn., and has severed his connection with that company. He will manage the business of the Riverview Nursery and Seed Company at McMinnville, of which Forest Phifer is the proprietor. Mr. Phifer was formerly foreman of the Forest Nursery and Seed Company.

The twenty-seventh annual convention of the American Association of Cemetery Superintendents was held at St. Louis, Oct. 6-8, the Planters' Hotel being headquarters. The total membership of the Association is 240; 93 members attended this meeting and 14 new ones were added. Thomas Wallis, Rosehill cemetery, Chicago, was elected president; A. B. Lawson, Elmwood Cemetery, Chicago, secy-treas.

The biggest cherry crop in the history of the Grand Traverse region, of Michigan, has been harvested. It is hard to estimate exactly the total crop because there are so many acres of cherry orchard that are in bearing for the first time this year. The first big crop of cherries harvested in northwestern Michigan was sent to market in 1909—five years ago. Every spring since 1910 from one to ten carloads of cherry trees have been set in the territory surrounding Traverse City.

Darius Easterday, Phillipsburg, N. J., has a new apple which he has named "Wilson," in honor of the President. Several specimens weigh twenty-three ounces each. They won prizes at the Allentown Fair. Some, of a deep red, are fourteen inches in circumference.

The Jairet, or spice apple, is a new variety the North Carolina mountain growers are putting on the market this season.

Obituary

Mrs. D. S. Lake.

Mrs. Lake, wife of D. S. Lake, Shenandoah, Ia., died October 16 after a long illness and gradual decline. Mrs. Lake was born in Illinois September 17, 1850, and went to Shenandoah about 1870, with her parents, Mr. and Mrs. Daniel O'Day. She and Mr. Lake were married on January 27, 1872. He was then a young school teacher from Illinois but with but five years' experience with a large nursery of that state, he went to Shenandoah in 1870, with a very small capital to enter the nursery business for himself. He rented ten acres and planted it to nursery stock and that was the beginning of the Shenandoah Nurseries. Mrs. Lake was a strong helpmate and shared with him in the pleasures and trials of pioneer life. She was a worker, and through it all was cheerful, loving, devoted to home, and ever thoughtful of others. She was the mother of four children—Albert, Ralph and Clara, living, and Leslie, dead.

James A. J. Jeffrey, nurseryman, near Nazareth, Mich., died Oct. 4, aged 85 years.

Big Apple Purchase

Steinhardt & Kelly, a New York commission firm which specializes in fancy fruits, have completed negotiations for what is said to be the largest single purchase of fruit in the history of the commission business in that city. The purchase involves some 650 cars of Northwestern boxed apples, and, though the buying price was not given, it is understood that the purchase, together with another deal which is pending will mean the outlay of more than \$1,000,000 cash before the season is over. The entire crop of the well-known Skookum apples has come into the hands of the firm through the purchase, as well as liberal supplies of other fancy apples from Hood River, Wenatchee, Mosier, and other parts of the Northwest. In view of the unsettled general business conditions as a result of the war, as well as the very heavy apple crop in this country this year, the importance of the sale has attracted a great deal of attention in the Park Place section of New York.

Nurserymen Claim Damages.

The \$48,745 claim of the Jackson & Perkins Company, Newark, N. Y., was heard October 22 by the New York State Board of Claims, which was in session in Rochester, Judge J. J. Rooney presiding. The claim grows out of the alleged destruction of trees and shrubs in the company's nursery in the town of Galen, near Newark. The claimant charges that the state in constructing the Barge canal, erected defective dykes and dams in carrying the water of the artificial waterway across the channel of the Clyde river, which made it impossible for the flood waters to flow off its property.

The claim includes items of \$23,322.24 for 116,917 apple trees, \$6,779.39 for 53,707 pear trees and \$5,459 for 43,673 rose bushes.

W. T. HOOD & CO.

"Old Dominion Nurseries"

RICHMOND, VA.

Growers of a Complete Line of

General Nursery Stock

Peach Seed: Tenn. and N. C. Naturals. We have a few hundred bushels 1913 seed we are offering at market prices. We expect to have our usual stock of 1914 seed to offer as heretofore.

Write for quotations

NOTICE

To all American Nurserymen and Seedmen desiring to keep in touch with commercial horticulture in England and the continent of Europe. Your best means of doing this is to take in the

HORTICULTURAL ADVERTISER

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.

Established 1883

A. & C. PEARSON, Lowdham, Nottingham, Eng.

Do not let the accounts owing you remain longer unpaid. Send them to us at once. We are prompt, energetic, and reasonable, and can reach any point in the United States and Canada.

NATIONAL FLORISTS' BOARD OF TRADE,
56 Pine St., N. Y.

LITERATURE

"Birds as Carriers of Chestnut-Blight Fungus." F. D. Heald and R. D. Studhalter in Journal of Agricultural Research. Vol. II, No. 6—U. S. Dept. Agriculture.

In the Hitchings orchard, owing to the peculiar environment and climatic conditions, clean culture gave no better results than sod mulch, as announced in a previous bulletin of the Station at Geneva. In the Auchter orchard, however, which represents much better the great apple industry of New York State, clean culture with tillage has proven so much superior to sod-mulch that any slight advantage for the latter shown in the Hitchings orchard is completely overshadowed.

By every test except color of fruit the tilled section of the orchard has been better than the section in sod; and the accumulation of the advantage to the tilled trees during ten years of testing makes a striking contrast to the eye alone, even at a distance. As measured by profits, which is the only index we have space to present, for every dollar taken from the trees in sod, after deducting growing and harvesting expenses,

the tilled trees gave one dollar and eighty nine cents.

No apple-grower who wishes to get the best results, in fruit and in dollars, from his orchard, should neglect Bulletin 383 of the Station at Geneva in which the ten-year summary of the Auchter orchard experiment is given. It will cost you nothing except the post card to request it.

A state department publication which requires a third edition to satisfy the demand and which is sold in every state of the Union and many foreign countries is unique. Such a publication is "The Apples of New York," issued by the State Department of Agriculture.

The first edition of the volumes was distributed free of charge. So great was the demand and the cost of publication, however, that the Legislature of 1913 authorized a reprint to be sold at the actual cost of production. An edition of 5,000 sets was printed, to be issued at \$2.25 a set, delivered. This edition is now fast becoming exhausted.

Orders for the two volumes come to Commissioner Calvin J. Huson from all sections of the United States, particularly the apple growing section of the West. Large orders have been received from state agricultural colleges, including an order for twenty-nine

Other orders include the state agricultural institutions at East Lansing, Michigan; State College, Pennsylvania; Corvallis, Oregon; Ames, Iowa; and Ithaca, New York. One foreign order was from the School of Horticulture, Burnley, Victoria, Australia. The State of Pennsylvania has also purchased sets for use in its state horticultural work.

The work is the authorship of S. A. Beach, assisted by N. O. Beach and O. M. Taylor. The two volumes comprise 769 pages, illustrated with colored plates and photo engravings. The set is sold for \$2 at the Department or \$2.25 delivered. Calvin J. Huson, State Commissioner of Agriculture, has charge of the distribution.

The almond growers of Antelope Valley, Cal., are harvesting this year the largest and most valuable crop in the history of this industry, estimated at no less than \$50,000. The European war is helping to enrich the raisers, for annually about 3,000 tons of the fruit are grown in California, and about 5000 tons are imported into the United States; but because of the trouble the importation will fall short this year.

Just say you saw it in AMERICAN FRUITS.

American Fruits Library Opportunities

PRACTICAL BOOKS ON HORTICULTURE, NUT GROWING, NURSERY PRACTICE

Any of the following books will be sent on receipt of price by AMERICAN FRUITS PUB'G CO. INC., 121-123-125 Ellwanger & Barry Bldg., ROCHESTER, N. Y.

Principles of Fruit Growing By Dr. L. H. Bailey	\$ 1.50	Beginners Guide to Fruit Growing By F. A. Waugh .....	.75	Ornamental Gardening By Elias A. Long	1.50
Bush Fruits By F. W. Card	1.50	Making Horticulture Pay By M. G. Kains	1.50	The Landscape Beautiful By Prof. F. A. Waugh	2.00
Fruit Growing in Arid Regions By W. Paddock and O. B. Whipple	1.50	American Grape Culture By T. V. Munson	2.00	Hedges, Windbreaks, Shelters By E. P. Powell .....	.50
How To Know Wild Fruits By M. G. Peterson	1.50	Successful Fruit Culture By Samuel T. Maynard	1.00	Forest Planting By Dr. H. N. Jarchow	1.50
The Nursery Book By Dr. L. H. Bailey	1.50	Plums and Plum Culture By Prof. F. A. Waugh	1.50	Practical Forestry By Andrew S. Fuller	1.50
Plant Breeding By Dr. L. H. Bailey	1.25	Fruit Harvesting, Marketing By Prof. F. A. Waugh	1.00	Spraying Crops By C. M. Weed .....	.50
The Pruning Book By Dr. L. H. Bailey	1.50	Dwarf Fruit Trees By F. A. Waugh .....	.50	Insects and Insecticides By Clarence M. Weed	1.50
The Forcing Book By Dr. L. H. Bailey	1.25	The Fruit Garden By P. Barry	1.50	Fumigation Methods By Willis G. Johnson	1.00
Manual of Gardening By Dr. L. H. Bailey	2.00	Citrus Fruits and Culture By H. Harold Hume	2.50	Ten Acres Enough By I. P. Roberts	1.00
Principles of Agriculture By Dr. L. H. Bailey	1.25	The Nut Culturist By Andrew S. Fuller	1.50	Cyclopedia of Agriculture By E. V. Wilcox and C. B. Smith ..	3.50
Country Life Movement By Dr. L. H. Bailey	1.25	American Grape Growing and Wine Making By George Husmann	1.50	The Rose By H. B. Ellwanger	1.25
Evolution of Our Native Fruits By Dr. L. H. Bailey	2.00	Grape Culturist By Andrew S. Fuller	1.50	Soils, Handling and Improving By S. W. Fletcher	2.20
The Outlook To Nature By Dr. L. H. Bailey	1.25	Pear Culture for Profit By P. T. Quinn	1.00	Modern Strawberry Growing By Albert E. Wilkinson	1.21
The American Peach Orchard By F. A. Waugh	1.00	Quince Culture By W. W. Meech	1.00	Nature's Garden By Neltje Blanchan	3.30
The American Apple Orchard By F. A. Waugh	1.00	Peach Culture By J. Alexander Fulton	1.00	Forester's Manual By Ernest Thompson Seton	1.10
The Call of the Land By E. Benjamin Andrews	1.50	Small Fruit Culturist By Andrew S. Fuller	1.00	Insect Book By Dr. L. O. Howard	3.30
Gardening for Profit By Peter Henderson	1.50	Field Notes on Apple Culture By Dr. L. H. Bailey .....	.75	Productive Orchardng By Fred C. Sears	1.70
Gardening for Pleasure By Peter Henderson	1.50	Grape Grower's Guide By William Chorlton .....	.75	Conquest of the Tropics By Frederick Upham Adams	2.00
Fertilizers and Crops By Dr. L. L. Van Slyke	2.50	Practical Fruit Grower By Samuel T. Maynard .....	.50	California Fruits and How to Grow Them By Edward J. Wickson, A.M.	3.00
Physical Properties of Soil By A. G. McCall .....	.50	Strawberry Culturist By Andrew S. Fuller .....	.25	Manual of Fruit Insects By M. V. Slingerland, C. R. Crosby ..	2.00
First Principles of Soil Fertility By Alfred Vivian	1.00	Greenhouse Construction By Prof. L. R. Taft	1.50	Commercial Gardening A Practical and Scientific Treatise for Nurserymen and Fruit Grow ers. Edited by John Weathers. 4 vols. Cloth. Ill'd.	15.00
Soils By Charles W. Burkett	1.25	Greenhouse Management By Prof. L. R. Taft	1.50	Standard Cyclopedia of Horticulture Edited by Dr. L. H. Bailey. In six volumes. 3,600 pages. 4,000 text engravings. 96 sepia half-tones. 500 collaborators. May be had on installment payments	36.00
Systematic Pomology By F. A. Waugh	1.00	Practical Floriculture By Peter Henderson	1.50		
Propagation of Plants By Andrew S. Fuller	1.50	Bulbs and Tuberous-Rooted Plants By C. L. Allen	1.50		
Irrigation Farming By Lucius M. Wilcox	2.00	Parsons on the Rose By Samuel B. Parsons	1.00		
Irrigation for the Orchard By Henry Stewart	1.00	Landscape Gardening By Prof. F. A. Waugh .....	.75		
American Fruit Culturist By John J. Thomas	2.50				